

**Designing a Child-friendly
Outdoor Public Playground
For Children Aged from 4 to 8 Years
On the Nordbahntrasse, in Wuppertal
Through Co-creation Mindset**

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Appendix 10

Evaluation Phase:

The table of questions for evaluating the final design of the playground and its settings/zones and the answers of participants.

As stated in the text, most of these questions are related to each piece of playground equipment/zone while others are about the whole playground. First, the questions about each zone were asked (i.e. first the questions about 'Peace under Sky', second about 'Sense of Sea', third about 'Hill of Flying Balls', forth about 'Tree of Adventure', and finally about 'Clouds of Joy'). After asking questions about each piece of equipment/zone, the questions about the whole playground area were asked. The answers of participants are presented here, in Appendix 10.

	Name of Playground Settings/Zones					
Personal Information Of the Respondent/Participant	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls' (previous names: 'Hill of Candy' or 'Palette of Colors')	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 1</p> <p>Age: 71 Gender: female Occupation: housewife</p> <p>Having any child or grandchildren; their age and gender:</p> <ul style="list-style-type: none"> - 3 daughters who are adults. - Potential grandmother. - She enjoys spending time in playgrounds. <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers): -</p> <p>Occupation: -</p> <p>Age and gender of the child/children you interact with: -</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<ul style="list-style-type: none"> - A sense of vitality - Happiness - Peace and beauty - Enjoying the beautiful design - Beautiful/attractive colors and design. The design reflects great taste and deep thought of the designer. 	<ul style="list-style-type: none"> - The area inspires good feelings. - The design and blue color evoke the feeling of being by the sea. - The hills around the sand table look like green area by the sea. - The sand evokes the memory of being on the beach. - She wished she was a child and could use this play equipment. - Good and thoughtful design. - Beautiful and interesting atmosphere. - Blue and green are soothing. 	<ul style="list-style-type: none"> - Joyful and fun - Making children happy. - Relaxing/soothing space and beautiful because of the green color and hill-shaped element. - Thoughtful Design: <ol style="list-style-type: none"> 1) Suitable equipment for both healthy and disabled people (wheelchair users) to play with balls; 2) Offering some elements (fixed balls) for parents (or children) to sit, rest, and observe their children. - The design has even considered parents who want to watch 	<ul style="list-style-type: none"> - It makes her happy and she feels very good. She likes it. - It is beautiful. - It strengthens children's mind (cognitive development) and skills (e.g. for climbing up and playing the game). - It looks like a mountain, or a minaret. - Because of the shapes of the bird, squirrel and other natural elements in this zone, it evokes the feeling of being in the animals' house in the nature (e.g. in the forest or in the mountains). 	<ul style="list-style-type: none"> - It is very interesting. - It is very gratifying. - It creates the feeling of joy and happiness. - Climbing the clouds is very interesting. - It is very exciting - It looks like an island where the clouds are close to the ground. - The feeling of flying in the sky among clouds. - The feeling of climbing up the clouds and approaching God. - Walking on the rainbow. - The cloud-shaped swing makes children feel relaxed and 	X

		- The design of the palm tree and the turtle is interesting.	their children closely and provides a place (the fixed balls) for them to sit, rest, and observe their children.		happy with other kids. - In general, it is really Interesting and fun.	
Question No. 3 Considering the type of product ¹ , how appropriate do you think the <i>variety of games/ experiences/services</i> offered by each setting/zone is? Please rate 1-7 (You can describe your answer if you want).	7	7	6	7	7	X
Question No. 3 (a) How appropriate do you think the <i>variety of games and experiences</i> offered by this playground are? Rate 1 to 7.	X	X	X	X	X	7
Question No. 4 For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group). - 3-year olds - 4-year & 5-year olds - 6-year & 7-year olds - 8-year olds - Or?	For everyone especially adults including parents.	The sand table could be interesting for all age groups, more for small children (2-5). The spinner is more interesting and useful for children 4 years and older (4-7).	3-7 years old	Children aged 4-8 years old.	Children aged 4-8 years old. Even older children can use that. Smaller children (aged 3 years old) can climb the hills and use equipment with the help of parents.	X
Question No. 5 Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?	Yes	Yes	Yes	Yes	Yes	X

¹ In comparison with other products in this category.

<p>Question No. 6</p> <p>Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect).</p> <p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Language Development</p>	<p>It support socio-emotional interactions between people: parents can talk to each other and children who sit and rest there can talk as well and get to know each other.</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Language Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p> <p>- Cognitive Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p> <p>- Cognitive Development</p>	<p>X</p>
<p>Question No. 7</p> <p>In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?)</p> <p>Rate 1 to 7.</p>	<p>7</p>	<p>6</p>	<p>7</p>	<p>7</p>	<p>7</p>	<p>X</p>
<p>Question No. 8</p> <p>How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.</p>	<p>a)² 6</p>	<p>b) 7</p>	<p>c) 6</p>	<p>X³</p>	<p>X</p>	<p>X</p>
<p>Question No. 8 (a)</p> <p>In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>5</p>

² As stated and shown in Chapter 13 and its images, in the design of future playground the *main* settings that allow healthy and disabled children (especially wheelchair users) to play and interact with each other include: 'Peace under Sky', 'Sense of Sea' (sand table), and 'Hill of Flying Balls'.

³ However, there is a swing hanging from a tree branch in 'Tree of Adventure' area designed especially for handicapped children. Maybe these children can also use green hill-shaped elements for playing.

<p>Question No. 9</p> <p>How long do you think the user will use each piece of playground equipment/zone? How many hours/minutes?</p>	Around 2 hours.	<p>Sand table: Half an hour to an hour</p> <p>Spinner: 5-10 minutes</p>	Half an hour	Half an hour to an hour	From an hour to an hour and a quarter	X
<p>Question No. 10</p> <p>How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.</p>	7	7	7	7	7	X
<p>Question No. 11</p> <p>How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.</p>	7	6	7	7	7	X
<p>Question No. 12</p> <p>How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).</p>	7	7	6	7	7	X
<p>Question No. 13</p> <p>In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.</p>	X	X	X	X	X	7
<p>Question No. 13 (a)</p> <p>How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.</p>	X	X	X	X	X	7
<p>Question No. 14</p> <p>Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.</p>	X	X	X	X	X	7
<p>Question No. 15</p>	X	X	X	X	X	7

In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.						
Question No. 16 How long do you think a child and his/her family or companion(s) will spend on this playground? How many hours? - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or?	X	X	X	X	X	In general: 3-4 hours
Any suggestion?						

	Name of Playground Settings/Zones					
Personal Information Of the Respondent/Participant	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 2</p> <p>Age: 37 Gender: female Occupation: A computer engineer and also an artist (painter & photographer).</p> <p>Having any child or grandchildren: She has no children but enjoys spending time in playground.</p> <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers): -</p> <p>Occupation: -</p> <p>Age and gender of the child/children you interact with: -</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<ul style="list-style-type: none"> - Comfortable - Simplicity - Childhood sense - Freedom - Peace - Non-interference of people's space with each other - Principal colors (red, yellow, & blue) attract attention and sculpture of bird on the roof. Design with middle wall: - Though it is more beautiful without middle wall, with wall it offers more privacy spaces to different users. - It is also in line with the demands of the German audience (considering the context) 	<ul style="list-style-type: none"> - <u>Creativity and freedom</u>: it is a suitable environment for <u>creative play</u> where children can <u>play freely</u> in their own way and make things with sand. Kids can sit on sand table and play. - <u>Being sociable and friendly</u>: gathering around the table brings the children (closer) together. They can talk during making things together or alone. - <u>Sense of Seaside</u>: sand and blue color give the <u>feeling of being at the seaside</u>. - <u>Sense of joy</u> to play in <u>their own way</u> and make whatever they want: they can create shapes with buckets or moulds, paint on sand, and build a sandcastle or 	<ul style="list-style-type: none"> - <u>Sense of excitement</u> - <u>Playfulness</u> - <u>Happiness, & laughter</u>. - <u>Physical activity & exercise</u>: it encourages children to move and exercise like keeping balance on the fixed balls, playing with balls together (with the balls that have been installed to the ropes), and jumping up and down on the trampoline. - <u>Being social</u>: children <u>communicate</u> a lot, for example, during playing together with the balls. 	<ul style="list-style-type: none"> - <u>Excitement</u> - <u>Movement</u> - <u>High creativity, intelligence</u> - It has <u>complexities</u> and increases the <u>sense of curiosity</u>. - <u>Sense of competition</u>: children compete to fill baskets with the shapes (Flat shapes of acorn, apple and egg which have wheels). - In general, reminiscent/feeling of <u>being in the forest</u>. - <u>Feeling of playing in the jungle/forest</u>. - <u>A very enjoyable play setting</u> for kids; one of the most enjoyable equipment on the playground. - Due to the shapes of natural elements and animals (e.g. 	<ul style="list-style-type: none"> - <u>Climbing to the sky</u>. - <u>Discovering something interesting</u>. - <u>Walking on clouds</u> (remembering the cartoon of 'Kind Bears'). - <u>Everything in the sky and clouds is creative and exciting</u>. - <u>Very creative and diverse</u>. - <u>Full of adventure and fun</u> (the user does not get bored at all). - It offers opportunity for sports, physical activities, movement, and music. - It is as if you are playing inside a cartoon and animation (e.g. walking on the clouds reminds her of a cartoon of 'Kind Bears'). 	X

	<ul style="list-style-type: none"> - Providing different types of roofed and open spaces in this area. - The cross-wise bench at the end of the curved bench improves the interaction between people (Figure 14-1). 	<p>building (<u>manipulating and constructing</u>).</p> <ul style="list-style-type: none"> - Sense of calm. - The design of palm-shaped spinner and turtle is cute. - The palm gives the feeling of both desert and sea. - The design of turtle encourages children to climb. 		<p>bird, squirrel, bird egg, acorn, and apple shapes), this equipment also supports educational aspects, and children get acquainted with animals and nature in the forest, such as acorns (as squirrels' food), bird eggs, and apple trees.</p> <ul style="list-style-type: none"> - It is a suitable place: suitable for kindergarten teachers that can bring children to this playground, which also has an educational aspect (e.g. to learn about animals and nature). - The bird at the top of the tree, which is blue and purple, looks dreamy, perhaps like a Simorgh. This bird statue and its nest above this play setting, are an important part of it; it looks as if the bird is the owner of this tree. - It is very interesting for children that this tree-shaped setting is near a blue surface along the slide which looks like a lake. - Colors: the harmony of <u>green and blue</u>, as well as the use of the main colors <u>red, yellow, and blue</u>, is very attractive. - Hanging swings from a tree branch decorated with <u>leaves and apples</u>, is like <u>swinging on a swing hanging from a tree branch (like</u> 	<ul style="list-style-type: none"> - Each of the clouds has an <u>interesting story and feeling</u>. - <u>Climbing the clouds between the rainbow bars</u>, is interesting. - <u>Cloud-shaped swing</u> is very interesting because several people can play with it at the same time (<u>social play on swing</u>). - <u>Climbing the net (physical activity)</u>. - Elements of the <u>sun, clouds, rainbow colors</u> are interesting. - An important point is the design of the <u>rainbow bridge between the clouds</u>. - Interestingly, the clouds are mounted on a hill and <u>the sky and the earth seem to be close</u>. - The small clouds around the orange hole and the placement of other small clouds inside the spaces emphasize the original design, which is <u>based on the shape of the cloud</u>. - <u>Using blue and orange</u>, which are complementary colors, is interesting. - It is interesting that only one of the clouds has an orange wall (Cloud No. 3), that emphasizes the sun and there is a rainbow that connects the two clouds above. - The <u>yellow lines on the net</u> before the orange hole and along it are creative as red, yellow, orange lines. 	
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				<p><u>being in the forest/nature</u>).</p> <p>- Squirrel hole as an entrance is attractive: the more playful and curious children probably enter the tree by climbing the ladder and entering the squirrel hole, though they can also enter from the main entrance.</p>	<p>- <u>Exploration, discovery of the undiscovered, the unknown, arouses a sense of curiosity about the sky.</u></p> <p>- Interaction with the sky is <u>very useful for a sense of excitement.</u></p> <p>- <u>Physical activities and useful movements for children's growth (i.e. child development).</u></p>	
<p>Question No. 3</p> <p>Considering the type of product⁴, how appropriate do you think the <i>variety of games/ experiences/services offered by each setting/zone</i> is? Please rate 1-7 (You can describe your answer if you want).</p>	<p>7</p> <p>Really good in comparison with other benches e.g.:</p> <p>- A bench offers more opportunity to rest and lie down.</p> <p>- It provides spaces for people with wheelchairs and disabilities.</p> <p>- Its design is related to and in harmony with the whole playground design and other equipment.</p>	5.5	6	7	7	X
<p>Question No. 3 (a)</p> <p>How appropriate do you think the <i>variety of games and experiences offered by this playground</i> are? Rate 1 to 7.</p>	X	X	X	X	X	7
<p>Question No. 4</p> <p>For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group).</p> <p>- 3-year olds</p> <p>- 4-year & 5-year olds</p> <p>- 6-year & 7-year olds</p> <p>- 8-year olds</p> <p>- Or?</p>	<p>For everyone especially adults including parents.</p>	<p>Sand table: All age groups from 2 to 8 years old especially small children aged 2-5 years old.</p> <p>Spinner: Mostly for older children aged 6, 7, and 8 years old.</p>	<p>It is more suitable for older children: 6-year, 7-year, & 8-year olds.</p>	<p>Children aged 4 to 8 can use all the parts for playing. All ages including:</p> <p>- 4-year & 5-year olds</p> <p>- 6-year & 7-year olds</p> <p>- 8-year olds</p> <p>The small children (e.g. 3 year olds) can use equipment like swings with</p>	<p>- 4-year & 5-year olds</p> <p>- 6-year & 7-year olds</p> <p>- 8-year olds</p> <p>All of these age groups (that mentioned above) can use this playground equipment. However, it is more suitable for older children.</p>	X

⁴ In comparison with other products in this category.

				the support of adults		
Question No. 5 Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?	Yes	Yes	Yes	Yes	Yes	X
Question No. 6 Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect). - Socio-emotional Development - Physical Development - Cognitive Development - Language Development	- Socio-emotional Development - Language Development	- Socio-emotional Development - Cognitive Development - Language Development - Physical Development	- Socio-emotional Development - Physical Development - Language Development	- Socio-emotional Development - Physical Development - Language Development - Cognitive Development	- Socio-emotional Development - Physical Development - Language Development - Cognitive Development	X
Question No. 7 In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?) Rate 1 to 7.	7 (for adult users) 6 (for children) Average: 6.5	7	7	7	7	X
Question No. 8 How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.	a) 7	b) 7	c) 5	X	X	X
Question No. 8 (a) In your opinion, how safe and accessible is this playground	X	X	X	X	X	5

considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.						
Question No. 9 How long do you think the user will use each piece of playground equipment/zone? How many hours/minutes?	An adult may stay an hour and a half to two hours (1.5 hours to 2 hours).	Sand table: From half an hour to forty-five minutes. Spinner: for around 5-10 minutes. It also depends the children who aim to get involved in this play. If they want to compete with each other, maybe they try to use for more duration.	- 0.75 hour (forty-five minutes)	- forty-five minutes to an hour	Around an hour to an hour and a quarter	X
Question No. 10 How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.	7	7	7	7	7	X
Question No. 11 How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.	7	7	6	7	7	X
Question No. 12 How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).	7	7	7	7	7	X
Question No. 13 In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.	X	X	X	X	X	7
Question No. 13 (a) How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.	X	X	X	X	X	7

<p>Question No. 14</p> <p>Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.</p>	X	X	X	X	X	7
<p>Question No. 15</p> <p>In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.</p>	X	X	X	X	X	7
<p>Question No. 16</p> <p>How long do you think a child and his/her family or companion(s) will spend on this playground? How many hours?</p> <ul style="list-style-type: none"> - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or? 	X	X	X	X	X	In general: 3-4 hours
<p>Any suggestion?</p>						

Personal Information Of the Respondent	Name of Playground Settings/Zones					
	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 3</p> <p>Age: 45 Gender: female Occupation: Teacher/professor at university and an engineer.</p> <p>Having any child or grandchildren; their age and gender: <ul style="list-style-type: none"> - She has no children yet - Potential mother - She enjoys being/spending time in playground. </p> <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers): -</p> <p>Occupation: -</p> <p>Age and gender of the child/children you interact with: -</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<ul style="list-style-type: none"> - Relaxation - Enjoying watching children while they are playing. - Parents can take care of children and read books. - Enjoy eating something like ice cream. 	<ul style="list-style-type: none"> - Enjoying - Relaxing and sense of calm - The feeling of being by the sea. - Sense of being in the tropics. - All elements are beautiful and in harmony with each other. - Beautiful design - Using creativity to play and build with sand - Enjoying the feeling of being at the seaside - Having fun: even the adults can play with their children and play with the sand and building things like a sandcastle. 	<ul style="list-style-type: none"> - Excitement - Physical activity and mobility - Playfulness - Having fun - Liveliness - High-physical activity - Laughter and joy - Sense of teamwork - Playing with balls together; for example, if someone is on the trampoline and the other kids were able to hit him, he should go down and the others can go on the trampoline. 	<ul style="list-style-type: none"> - Happiness - Sense of competition: e.g. competition between children for transferring more shapes to their baskets in a certain period of time. - A sense of magic and mystery especially because of the shaped of this play setting (mysterious tree). - Sense of excitement and discovery 	<ul style="list-style-type: none"> - Joy - Pleasure - Laughter - Dance - Music - Flying in the sky - Excitement - Physical activities/plays and mobility - Vitality and liveliness 	X
Question No. 3	7	7	7	7	7	X

<p>Considering the type of product, how appropriate do you think the <i>variety</i> of games/ experiences/services offered by each setting/zone is? Please rate 1-7 (You can describe your answer if you want).</p>			<p>It offers a wide variety of group/social and individual plays.</p>	<p>It includes various parts and different types of play such as: - A slide and hills - Swing area - Climbing opportunity and having a great view - Playing "Oak, Egg, Apple" game.</p>		
<p>Question No. 3 (a) How appropriate do you think the <i>variety</i> of games and experiences offered by this playground are? Rate 1 to 7.</p>	X	X	X	X	X	7
<p>Question No. 4 For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group). - 3-year olds - 4-year & 5-year olds - 6-year & 7-year olds - 8-year olds - Or?</p>	<p>Usable for both, children and adults. However, it is more suitable and useful for adults.</p>	<p>It is more suitable for small children. However, <u>older children</u> aged 5 to 7 years old can also play with that and enjoy. Even <u>parents (adults)</u> can play with sand together with their children. Palmed-shaped spinner: From 3 to 8 years old.</p>	<p>It is suitable for all age groups including: - <u>3-year olds</u> - <u>4-year & 5-year olds</u> - <u>6-year & 7-year olds</u> - <u>8-year olds</u> However, it is more suitable for older children who are 6, 7, & 8 years old. Probably, parents should accompany the small children.</p>	<p>The older children (<u>6-year & 7-year olds</u> & <u>8-year olds</u>) can play with all parts of this setting. The small children (3-, 4- & 5- year olds) can use the swings and slide.</p>	<p>The older children can play with all parts of this setting. The older age groups are: - <u>6-year & 7-year olds</u> - <u>8-year olds</u> In using some play equipment, small children (4- & 5- year olds) may need the help of older children or their parents' support.</p>	X
<p>Question No. 5 Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?</p>	<p>Yes</p>	<p>Yes Both gender can use, but in general maybe boys enjoy more dealing with water, mud and sand.</p>	<p>Yes It is exiting and makes fun for both genders.</p>	<p>Yes</p>	<p>Yes</p>	X

<p>Question No. 6</p> <p>Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect).</p> <p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Language Development</p>	<p>- Socio-emotional Development</p>	<p>- Socio-emotional Development</p> <p>- Cognitive Development</p> <p>- Physical Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p> <p>- Cognitive Development</p>	<p>- Socio-emotional Development</p> <p>(e.g. playing on cloud-shaped swing with other children, playing with Lego together, helping each other to climbing the poles, net or spiral ramp).</p> <p>- Physical Development</p> <p>- Language Development</p> <p>- Cognitive Development</p>	<p>X</p>
<p>Question No. 7</p> <p>In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?)</p> <p>Rate 1 to 7.</p>	<p>7</p>	<p>6-7</p> <p>It depends on the age and interests of the child.</p>	<p>7</p>	<p>7</p>	<p>7</p>	<p>X</p>
<p>Question No. 8</p> <p>How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.</p>	<p>a) 7</p> <p>Suitable for different interests and tastes.</p> <p>Suitable for people who are wheelchair users.</p> <p>Suitable for any age group including children and adults.</p>	<p>b) Sand table: 6</p>	<p>c) 6</p>	<p>X</p>	<p>X</p>	<p>X</p>
<p>Question No. 8 (a)</p> <p>In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>7</p>
<p>Question No. 9</p> <p>How long do you think the user will use each piece of playground</p>	<p>One hour to two hours</p> <p>Parents can spend one to two hours in the sitting area</p>	<p>Sand table: Maximum for one hour</p> <p>Spinner: around 5 minutes</p>	<p>One hour</p>	<p>Around an hour and a half</p>	<p>Around an hour and a half</p>	<p>X</p>

equipment/zone? How many hours/minutes?	and spend the rest with their children and near play equipment.					
Question No. 10 How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.	6	7	7	7	7	X
Question No. 11 How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.	6	6.5	7	7	7	X
Question No. 12 How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).	6-7	7	7	7	7	X
Question No. 13 In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.	X	X	X	X	X	7
Question No. 13 (a) How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.	X	X	X	X	X	6
Question No. 14 Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.	X	X	X	X	X	7
Question No. 15 In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.	X	X	X	X	X	7

<p>Question No. 16</p> <p>How long do you think a child and his/her family or companion(s) will spend on this playground? How many hours?</p> <ul style="list-style-type: none"> - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or? 	X	X	X	X	X	Around 3 hours
<p>Any suggestion?</p>	<p>It would be great if there was a place to charge the mobile.</p>	<p>It is better to offer especial tools for playing with sand like shovels, buckets and molds next to the sand table for children.</p>				

Personal Information Of the Respondent	Name of Playground Settings/Zones					
	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 4</p> <p>Age: 34 Gender: female Occupation/Education: Pedagogy; being expert in the science, method and practice of teaching and training children aged 0-12.</p> <p>Having any child or grandchildren; their age and gender: 2 sons, aged 12 and 3 years old.</p> <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers): -</p> <p>Occupation: -</p> <p>Age and gender of the child/children you interact with: -</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<ul style="list-style-type: none"> - Relaxation - Joy - Being relaxed because of being able to watch their children while they are playing. - The feeling of being in the nature because of the shapes of clouds and bird and the wooden structure of the seating area. - Being attractive because of the colors of red, blue, and yellow. - Enjoying lying down on colorful spaces for resting. - Parents can read books while their children are playing. 	<ul style="list-style-type: none"> - Enjoying - Sense of being calm - Psychologically, playing with sand is very useful for relieving stress in children and adults. We even have sand therapy. - Playing with sand is very enjoyable for both the child and even the parents. - Creativity: useful for increasing creativity in children (encouraging children for being creative). - The feeling of being by the sea and in nature. - The design of the turtle and the palm is in harmony with the wavy shape 	<ul style="list-style-type: none"> - Physical movement & mobility - Creativity - Joy - Excitement 	<ul style="list-style-type: none"> - Excitement - Creativity - The feeling of being in nature - The feeling of climbing a castle or treehouse - The feeling of exploration 	<ul style="list-style-type: none"> - Nature (because of the green hills and the sky) - Relaxation - Excitement - Physical games - Creativity - The feeling of climbing the clouds in the sky 	X

	- Enjoying eating something like ice cream.	of the sand table and is beautiful.				
<p>Question No. 3</p> <p>Considering the type of product, how appropriate do you think the <i>variety</i> of games/ experiences/services offered by each setting/zone is? Please rate 1-7 (You can describe your answer if you want).</p>	<p>7</p> <p>- Especial and attractive colors and design.</p> <p>- Being able to lie down.</p> <p>- Comfortable seating area even for making picnic.</p> <p>- Considering especial spaces for wheelchair users or placing baby carriage.</p>	7	7	7	7	X
<p>Question No. 3 (a)</p> <p>How appropriate do you think the <i>variety</i> of games and experiences offered by this playground are? Rate 1 to 7.</p>	X	X	X	X	X	7
<p>Question No. 4</p> <p>For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group).</p> <p>- 3-year olds</p> <p>- 4-year & 5-year olds</p> <p>- 6-year & 7-year olds</p> <p>- 8-year olds</p> <p>- Or?</p>	<p>Usable for all age group including children (from three years and up) and adults.</p> <p>However, children under the age of two need parental care and special equipment.</p>	<p>Sand table: Suitable for children in any age group from 3 to 8.</p> <p>Even the older children and parents can get involved and play with sand.</p> <p>Spinner: More for older children</p>	For children older than 5 years.	<p>The small children 4 & 5 years old can use the swing. Also the older children.</p> <p>The slide and "Oak, Egg, Apple" game are suitable for children older than 5 years old.</p> <p>In general, this setting offer various equipment suitable for children aged 4-8 years old.</p>	<p>For children older than 4 years old.</p> <p>Thus, it is suitable for the end users who are children aged 4-8 years old.</p>	X
<p>Question No. 5</p> <p>Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?</p>	Yes	Yes	Yes	Yes	Yes	X

<p>Question No. 6</p> <p>Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect).</p> <p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Language Development</p>	<p>- Physical Development: small children may use this bench as an abstract element for climbing and moving around (while getting involved in their imaginary play).</p> <p>- Cognitive development (e.g. getting involved in an imaginary play because of the shapes of cloud and bird).</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p> <p>- Cognitive Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p>	<p>X</p>
<p>Question No. 7</p> <p>In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?) Rate 1 to 7.</p>	<p>7</p> <p>Great for relaxing, especially since it has space to lie down (it offers 3 sun loungers) and sit on the green floor of this arched area.</p>	<p>7</p> <p>However, it depends on the age and interests of the child.</p>	<p>7</p> <p>For children older than 5 years old (aged 5-8).</p>	<p>7</p> <p>For children older than 4 years old (aged 4-8).</p>	<p>7</p>	<p>X</p>
<p>Question No. 8</p> <p>How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.</p>	<p>a) 7</p> <p>Suitable for different interests and tastes.</p> <p>Suitable for people who are wheelchair users.</p> <p>Suitable for any age group including children and adults.</p>	<p>b) 7 (sand table)</p> <p>Suitable for children older than three years.</p> <p>Suitable for people who are wheelchair users.</p> <p>Having a place for parents to accompany their (small) children.</p>	<p>c) 7</p>	<p>X</p>	<p>X</p>	<p>X</p>
<p>Question No. 8 (a)</p> <p>In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>7</p>
<p>Question No. 9</p> <p>How long do you think the user will use each piece of playground</p>	<p>One hour to two hours</p> <p>There is no time limit. Parents can be in this sitting space as</p>	<p>One hour or more; it depends on children's, mood, and interest.</p>	<p>Half an hour (Small children aged 4- & 5-year olds).</p> <p>Forty-five minutes to an</p>	<p>Around an hour and a half</p>	<p>Around an hour and a half</p>	<p>X</p>

equipment/zone? How many hours/minutes?	long as the children are playing on the field (e.g. 1-2 hours). Parents can also walk among the spaces between the various play settings and accompany their children.	Older children can stay and play for longer hours. If this area offers or if children themselves bring equipment such as toy sand excavator, toy sand shovel, bucket, & mold.	hour for older children (older children aged 6, 7, & 8 years old).			
Question No. 10 How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.	7	7 Using the shape of wave and sand is really attractive.	7	7	7	X
Question No. 11 How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.	7	7	7	6	7	X
Question No. 12 How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).	7	7	7	6	7	X
Question No. 13 In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.	X	X	X	X	X	6
Question No. 13 (a) How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.	X	X	X	X	X	6
Question No. 14 Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.	X	X	X	X	X	7
Question No. 15	X	X	X	X	X	7

<p>In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.</p>						
<p>Question No. 16</p> <p>How long do you think a child and his/her family or companion(s) will spend on this playground? How many hours?</p> <ul style="list-style-type: none"> - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or? 	X	X	X	X	X	Around 3 hours
<p>Any suggestion?</p>		<p>- It is good to offer various tools to children for playing with sand.</p>				<p>- It is better to offer more swings</p> <p>- In 'Tree of Adventure' zone it is better to offer another slide which is open and shorter, suitable for small children.</p>

	Name of Playground Settings/Zones					
Personal Information Of the Respondent	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 5</p> <p>Age: 77 Gender: male Occupation: Teacher/lecturer at university</p> <p>Having any child or grandchildren; their age and gender:</p> <ul style="list-style-type: none"> - 3 daughters which are adults - Potential grandfather - He enjoys being/spending time in playgrounds, parks and green spaces for walking, doing sport (exercising) and watching children who are playing there. - He exercises in a park for about one to two hours every morning. <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers): -</p> <p>Occupation: -</p> <p>Age and gender of the child/children you interact with: -</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<ul style="list-style-type: none"> - Enjoying - Relaxing - Happiness - Feeling free from real world (negative) thoughts and getting involved in children's (imaginary) world. - Suitable area for leisure time. - The design and coloring is beautiful. - The bird on the roof is beautiful. 	<ul style="list-style-type: none"> - Happiness - Improving mental and spiritual strength - Having good design - Innovative - Suitable for people who have high-class urban culture. - Parents can enjoy watching their children while playing. - It reminds him of his childhood. - Its colors are visually soothing and relieve mental fatigue. 	<ul style="list-style-type: none"> - Feeling good - Its design is excellent - The feeling of being in a prosperous and open space - Remembering the hills by the sea because of the hill-shaped structure. - Remembering the football field because of the colorful balls and green field. 	<ul style="list-style-type: none"> - Fun for kids - Happiness - Sense of competition and adventure - Offering risk-taking activities and somehow mysterious feeling - It also may evoke the sense of horror and adventure. 	<ul style="list-style-type: none"> - Feeling safe (the risk of physical activities is low). - Joy. - Being adventurous. - Sense of excitement. - Physical activity/physical play and mobility. - Reinforcing children's physical skills (getting stronger) - Getting out of depression (getting rid of negative thoughts). - Being adventurous. - Being social. - Encouraging children for 	X

					getting involved (i.e. being interested) in a particular sport in the future.	
<p>Question No. 3</p> <p>Considering the type of product, how appropriate do you think the <i>variety</i> of games/ experiences/services offered by each setting/zone is? Please rate 1-7 (You can describe your answer if you want).</p>	7	6	7	6	6	X
<p>Question No. 3 (a)</p> <p>How appropriate do you think the <i>variety</i> of games and experiences offered by this playground are? Rate 1 to 7.</p>	X	X	X	X	X	6
<p>Question No. 4</p> <p>For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group).</p> <p>- 3-year olds - 4-year & 5-year olds - 6-year & 7-year olds - 8-year olds - Or?</p>	For adults and children. Especially for children's parents.	<p>Sand table: For children aged 4 to 6 years old.</p> <p>Spinner: For children 5 years and older</p>	It is more suitable for 7- & 8-year old children. Six year-old can also use that.	<p>Children aged 6-, 7- & 8- year olds are able to get involved in all the games/plays that 'Tree of Adventure' offers.</p> <p>Children aged 4, 5 can use the slide, swing, and hills (e.g. jumping on the trampoline installed on the hill or playing hide-and-seek around the hills and tree). It is better that small children (aged 3, 4 and 5), play under supervision of their parents (with their support).</p>	It is more suitable for older children (aged 6, 7, & 8); even for the ones who are older than 8 years old.	X
<p>Question No. 5</p> <p>Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?</p>	Yes	Yes	Yes	Yes	Yes	X

<p>Question No. 6</p> <p>Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect).</p> <p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Language Development</p>	<p>- Socio-emotional Development</p> <p>(people can interact with each other here)</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p> <p>- Cognitive Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p>	<p>X</p>
<p>Question No. 7</p> <p>In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?)</p> <p>Rate 1 to 7.</p>	<p>6</p>	<p>6</p>	<p>6</p>	<p>7</p>	<p>7</p>	<p>X</p>
<p>Question No. 8</p> <p>How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.</p>	<p>a) 6</p>	<p>b) 6</p>	<p>c) 6</p>	<p>X</p>	<p>X</p>	<p>X</p>
<p>Question No. 8 (a)</p> <p>In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>6</p>
<p>Question No. 9</p> <p>How long do you think the user will use each piece of playground equipment/zone? How many hours/minutes?</p>	<p>An adult may stay around an hour to 2 hours.</p>	<p>Sand table: About half an hour</p> <p>Spinner: 10 to 15 minutes</p>	<p>- 1 hour</p>	<p>- 1 hour and half</p>	<p>- 1 hour and half</p>	<p>X</p>

Question No. 10 How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.	6	6	6	7	7	X
Question No. 11 How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.	7	6	6	7	7	X
Question No. 12 How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).	7	7	6	6	7	X
Question No. 13 In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.	X	X	X	X	X	6
Question No. 13 (a) How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.	X	X	X	X	X	6
Question No. 14 Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.	X	X	X	X	X	6
Question No. 15 In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.	X	X	X	X	X	7
Question No. 16	X	X	X	X	X	In general: 2 hours and a half

<p>How long do you think a child and his/her family or companion(s) will spend on this playground? How many hours?</p> <ul style="list-style-type: none"> - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or? 						
<p>Any suggestion?</p>						

	Name of Playground Settings/Zones					
Personal Information Of the Respondent	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 6</p> <p>Age: around 65 Gender: male Occupation: Having a company (Medical equipment IBA medical technology) Electrotechnical engineer</p> <p>Nationality: Iranian/German</p> <p>City: Düsseldorf</p> <p>Having any child or grandchildren; their age and gender: He has two grandchildren, a 6-year-old girl and a 4-year-old boy.</p> <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers): -</p> <p>Occupation: -</p> <p>Age and gender of the child/children you interact with: -</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<ul style="list-style-type: none"> - Very pleasant - Attractive Design - Welcoming and very nice environment - It's very comfortable since the bench has a back to lean on and is big enough. - Due to the fact that it is made of wood and has a back, it is a very comfortable and good place to sit. - Because in some playgrounds the benches are made of metal and do not have a backrest to lean on, they are not comfortable to sit on but this bench is very comfortable. - Because of having a roof, it is useful for 	<ul style="list-style-type: none"> - Its design is very attractive/beautiful. - Children enjoy playing with sand very much. It is great that wheelchair users can use it too. - The table should be such that no sand falls on the children's heads (on the children and its height should be such that the wheelchair users can reach it. - The back surface should be stable enough so that it does not move if several children lean on it. - The design of the palm 	<ul style="list-style-type: none"> Its trampoline is very good. Its design is also very beautiful. The idea of the trampoline and hill and its design are very good. It makes the child feel happy and curious. It is beautiful in terms of design, but in terms of function, the soft balls may not be practical. Children may damage the soft balls and also the soft balls may be difficult and expensive to be produced. 	<ul style="list-style-type: none"> The plays that it offer are interesting. It is interesting in terms of appearance, design, and idea of the plays. However, due to its high height, its construction cost is (very) high and different safety indexes must be considered, which is also costly. 	<ul style="list-style-type: none"> - Very beautiful and futuristic. - Very new. - Very good idea and very attractive design. - It is very interesting and enjoyable for children. - Because of curved forms it is beautiful and without any danger (safe to be used). 	X

	sunny and rainy days.	makes the area more beautiful. - The design of the palm-shaped spinner and turtle-shaped hill is beautiful, interesting and innovative.				
Question No. 3 Considering the type of product, how appropriate do you think the <i>variety</i> of games/ experiences/services offered by each setting/zone is? Please rate 1-7 (You can describe your answer if you want).	7	7	6-7	6	7	X
Question No. 3 (a) How appropriate do you think the <i>variety</i> of games and experiences offered by this playground are? Rate 1 to 7.	X	X	X	X	X	7
Question No. 4 For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group). - 3-year olds - 4-year & 5-year olds - 6-year & 7-year olds - 8-year olds - Or?	For adults who mostly include young parents and also some grandparents.	Sand table: From one-year olds to six- or seven-year olds. However, small children under 4 years old (aged 2, 3 & 4 years old) enjoy this play more than older children. Spinner: More for older children aged 5, 6, 7, 8 years.	From three or four years to nine or ten years (users of the trampoline).	From three or four years to nine or ten years.	From small children to children aged ten or eleven years old can use it.	X
Question No. 5 Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?	Yes	Yes	Yes	Yes	Yes	X

<p>Question No. 6</p> <p>Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect).</p> <p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Language Development</p>	<p>- Social development</p> <p>- Language development</p> <p>It can play an important role in social interactions.</p>	<p>- Socio-emotional Development</p> <p>- Cognitive Development</p> <p>- Physical Development (e.g. using their hands for making things with sand and water)</p>	<p>- Physical Development</p> <p>- Socio-emotional Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p> <p>- Cognitive Development</p>	<p>X</p>
<p>Question No. 7</p> <p>In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?)</p> <p>Rate 1 to 7.</p>	<p>6-7</p>	<p>6-7</p> <p>Children enjoy the play equipment until they get bored. When they get bored or curious about other play equipment, they may leave this sand area.</p>	<p>6-7</p> <p>(enjoying jumping on the trampoline).</p>	<p>6</p>	<p>7</p>	<p>X</p>
<p>Question No. 8</p> <p>How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.</p>	<p>a)⁵ 6</p>	<p>b) 7</p> <p>Sand table: It is good that it integrates both disabled (wheelchair users) and non-disabled children in playing with sand. It makes non-disabled children not have a negative view of disabled children by supporting them in playing together.</p>	<p>c) -</p>	<p>X⁶</p>	<p>X</p>	<p>X</p>
<p>Question No. 8 (a)</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>He does not know, the Northbahntrass. Thus, he did not offer any</p>

⁵ As stated and shown in Chapter 13 and its images, in the design of future playground the *main* settings that allow healthy and disabled children (especially wheelchair users) to play and interact with each other include: 'Peace under Sky', 'Sense of Sea' (sand table), and 'Hill of Flying Balls'.

⁶ However, there is a swing hanging from a tree branch in 'Tree of Adventure' area designed especially for handicapped children. Maybe these children can also use green hill-shaped elements for playing on.

In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.						comment (he did not answer this question).
Question No. 9 How long do you think the user will use each piece of playground equipment/zone? How many hours/minutes?	An hour and a half or more.	From a quarter/twenty minutes to half an hour (around half an hour).	It depends on the characteristics of each child (e.g. his age and his/her physical strength), how long he does not get tired and how much he enjoys jumping on the trampoline. The child may play for around 5 minutes on the trampoline; and half an hour in the whole area.	At least half an hour (maybe 0.75 hour).	Around one hour	X
Question No. 10 How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.	7	7	6-7	7	7	X
Question No. 11 How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.	6	7	6-7 He likes the idea of trampoline installed on the hill and the fixed balls on the ground. According to him, children enjoy the trampoline on the hill very much. However, in his opinion, in term of function, presenting balls is not practical, since children may damage the soft balls and also the soft balls may be difficult and expensive to be produced.	7 In his opinion, it is very beautiful and interesting in terms of design and idea; however, it is not easy to build that considering its structure and the cost (due to the relatively complex structure and high cost of construction).	7	X
Question No. 12 How appropriate is the name of each piece of playground equipment/zone	4	6	- Since he did not find it very practical to build/make the soft balls, he	7 In his view, the main structure is more like a cylinder than a tree. However,	7	X

according to its appearance and function? Rate 1-7. (see above).			did not respond to the evaluation of the 'name' of this area ('Hill of Flying Balls'), which is related to the concept of these soft balls.	the brown and green colors and the elements used, such as apples, acorns, bird eggs, and animals such as squirrels and birds, can present it as a tree and a space in the nature.		
Question No. 13 In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.	X	X	X	X	X	7
Question No. 13 (a) How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.	X	X	X	X	X	6
Question No. 14 Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.	X	X	X	X	X	The designs of all playground settings are in harmony with each other, except the design of 'Tree of Adventure' because its height is much taller than the other equipment/settings. It may be suitable for installation on another playground. However, he scored the degree of harmony between these settings 6 to 7.
Question No. 15 In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.	X	X	X	X	X	He said: If they can invest and present all the playground settings together in the same playground, he gives 7, especially because of 'Clouds of Joy'.
Question No. 16 How long do you think a child and his/her family or companion(s) will	X	X	X	X	X	2 to 3 hours.

<p>spend on this playground? How many hours?</p> <ul style="list-style-type: none"> - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or? 						
<p>Any suggestion?</p>	<ul style="list-style-type: none"> - Providing recycling bins. - Its structure must be stable enough to wind and storm. 					

Personal Information Of the Respondent	Name of Playground Settings/Zones					
	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 7</p> <p>Age: 41 Gender: male Occupation: Computer laboratory (technical employee at university)</p> <p>Having any child or grandchildren; their age and gender: - A 7-year old son - Twins: a 3.5 daughter and a 3.5 son.</p> <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers): -</p> <p>Occupation: -</p> <p>Age and gender of the child/children you interact with: -</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<p>The comment about the first design (without wall):</p> <p>Architecturally the feature/shape is nice (like a sculpture) but it is not that much childish. The design is clean. He prefers this space to be more colorful.</p> <p>The bird on the roof is beautiful. It is good that this bench has got roof.</p> <p>It is better to provide some places (lockers) so that parents can put their backpacks or cellphones there. In this way, it is much easier for them to follow their children on the playground and relax in this space.</p> <p>It is good to use soft material for</p>	<p>- The sand table does not look that much big but the area is cozy and beautiful.</p> <p>- The sand table is more suitable for small children since it is not that much big.</p> <p>- In comparison to younger children, sand table without offering water and/or various equipment are not very attractive for older children.</p> <p>- If possible, it is better to provide water in the space as well for creating more joyful experience especially for older children.</p> <p>- Its design/appearance is beautiful (e.g., the blue waves and palm).</p> <p>- The elements of palm, sand, water, and</p>	<p>- Very cool & enjoyable.</p> <p>- Really cool and innovative playground equipment.</p> <p>- It is really new; one of the coolest playground equipment in his opinion.</p> <p>- The balls are really interesting.</p> <p>- Action & fun.</p> <p>- The adults who watch children's playing are interested to integrate in the game.</p> <p>- Making people curious to explore different experiences and have fun.</p> <p>- Material (used in making the balls) needs to be soft but also stable in summer and in rainy weather.</p>	<p>- The whole construction is nice.</p> <p>- The concept of taking fruits (he meant eggs, apples, and acorn) and inserting them in the rails outside the tree is interesting/nice.</p> <p>- Nice feature which is challenging and useful for children's cognitive skill⁷.</p> <p>- The construction should be safe enough that the child cannot move on the spiral band (with 3 rails) which is outside the tree. It should be structured in such a way that children cannot walk on the spiral band outside, because it is dangerous. A guard must be used or the height of this band (which has rails on) must be</p>	<p>- Visually he likes this playground setting a lot especially 'Cloud No. 2' and 'Cloud No. 4' and also rainbow colors used in the bridge.</p> <p>- It evokes the feeling of being among the clouds. It invites you (i.e. it has welcoming atmosphere)</p> <p>- He really likes the idea of sunrays (along the orange hole) which connects Cloud No. 1 & Cloud No. 2.</p> <p>- He likes the colors of Cloud No. 2 and Cloud No. 4 which are more colorful and also the color of the rainbow bridge.</p> <p>- He likes the musical cloud-shaped stairs (in Clouds No. 4 & No.3).</p> <p>- He likes orange, yellow, cyan/</p>	X

⁷ It offers various experiences which contributes to child cognitive development: figuring out how to play, how to enter this structure, where to insert their shapes.

	<p>sitting (e.g. for pregnant mothers).</p> <p>He prefers the 3rd model which is with the middle wall and small bench added at the end of the arched bench. With the wall the area offers various rooms/places for different groups and people. It offers more corners and private spaces/rooms for family and groups. It is cozier in comparison with the model which is without middle wall. The bench added at the end of main arched bench offers the possibility of sitting as a group and having a conversation.</p> <p>With the addition of a bench at the end of the arched bench, open area can easily be used by groups or families. It is cozier than the models without wall. With the walls between, users can have corner/space for their own (more private space).</p>	<p>turtle evoke the feeling of being on holidays.</p> <ul style="list-style-type: none"> - He likes the design of palm (spinner) and turtle (climbing hill). - Sense of holidays and relaxing. - Since the back side of sand table is closed, it is safe for children who sit on the sand. - Since this area is near the sitting area, the parents can watch their children easily and it is good. - The palm-shaped spinner inspires the feeling of being on holidays. - Relaxing environment 		<p>high enough to prevent children from walking on it.</p> <p>In his opinion, walking on the spiral band outside the structure –which is dangerous— is like climbing the tree⁸.</p>	<p>turquoise blue, and rainbow colors.</p> <ul style="list-style-type: none"> - He loves the rainbow colors used in the bridge the most. - He likes using more contrast in the colors of Cloud No. 1 & 3. He likes them to be more colorful. In his opinion, the color of the first and third clouds is cold for children which he does not like that much. 	
<p>Question No. 3</p> <p>Considering the type of product, how appropriate do you think the <i>variety</i> of games/ experiences/services offered by each setting/zone is?</p>	6	5	7	6	6.5	X
			<p>There are a lot of opportunities and a lot of fun in this setting.</p>			

⁸ Designer: However, this is not the designer's intention and children should not be able to walk on the outer rails. Because of that, around this spiral band, where its height is low (the lower part of the tree), a metal fence can be used.

Please rate 1-7 (You can describe your answer if you want).						
Question No. 3 (a) How appropriate do you think the <i>variety of games and experiences</i> offered by this playground are? Rate 1 to 7.	X	X	X	X	X	6-7
Question No. 4 For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group). - 3-year olds - 4-year & 5-year olds - 6-year & 7-year olds - 8-year olds - Or?	For everyone including adults and children; especially for children's parents and small children.	Sand table: - For children aged 1 to 3 years old, when the sand table does not offer water. His small children can enjoy playing there even alone/individually; but his older son maybe use this setting to play/interact with his younger siblings for a while. - If possible, it is better to provide water in the space as well for creating more joyful experience especially for older children. - Older children usually like larger sand area with various equipment to play with sand and water. Palmed-shaped spinner: For children from 3 to 8 years. However, younger children may need the help and guidance of older children.	From three and a half years to all ages even the adults. (i.e. for all ages older than three and a half years) The user mostly uses the hill and the balls connected to it. He probably only uses ball-shaped elements – which are fixed to the ground—to sit when the hill is full of other children which are playing. Fixed balls must be large enough to be used as an exercise or gymnastics device by adults.	It is suitable for children aged three and a half to eight years. It should be very enjoyable for five-year olds. He said his 7-year-old son picks up a lot of fruits to put on the rails. Older children may learn how to play that intuitively. But younger children may need to see older children and talk to them to fully understand how to play.	Children aged 4 to 8 years old. However, in Cloud No. 1, climbing the rainbow-colored vertical poles could be somehow scary for small children like 4-year-olds.	X
Question No. 5 Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?	Yes	Yes	Yes	Yes	Yes	X

<p>Question No. 6</p> <p>Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect).</p> <p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Language Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development (for small children)</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Language Development (less than other development)</p>	<p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Socio-emotional Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p> <p>- Cognitive Development</p>	<p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Language Development</p> <p>- Cognitive Development</p>	<p>X</p>
<p>Question No. 7</p> <p>In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?)</p> <p>Rate 1 to 7.</p>	<p>6</p>	<p>6</p> <p>Children 1 to 3 years old enjoy more than For children aged 4 to 8.</p> <p>If they can't walk, water and sand would be good to interact (10-30 minutes)</p>	<p>7</p>	<p>5</p>	<p>6-7</p> <p>More sound feature.</p> <p>More escaping feature for hiding and exploring.</p>	<p>X</p>
<p>Question No. 8</p> <p>How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.</p>	<p>a)⁹</p> <p>Rate 6 for all.</p> <p>Lying on the ground/sun lounger can be difficult for older people.</p>	<p>b)</p> <p>4</p>	<p>c)</p> <p>6</p>	<p>X</p>	<p>X</p>	<p>X</p>
<p>Question No. 8 (a)</p> <p>In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>4</p>
<p>Question No. 9</p> <p>How long do you think the user will use each piece of playground</p>	<p>From one hour to two hours.</p>	<p>Sand table:</p> <p>If the children are small and cannot walk (e.g. one-year-</p>	<p>In total, the user uses it for a considerable time since it is really fun. However,</p>	<p>Half an hour or more (e.g. 40 minutes)</p> <p>Her kids will probably play as long as they</p>	<p>5 to 10 minutes in each Cloud.</p> <p>Around 40 minutes in total.</p>	<p>X</p>

⁹ As stated and shown in Chapter 13 and its images, in the design of future playground the *main* settings that allow healthy and disabled children (especially wheelchair users) to play and interact with each other include: 'Peace under Sky', 'Sense of Sea', and 'Hill of Candy'.

<p>equipment/zone? How many hours/minutes?</p>		<p>olds), they may play half an hour. It also depends on the interests of each child. Some children can sit for half an hour to 45 minutes while some children are very active and do not like to stay and play in one place for a long time.</p> <p>If the children are older and can stand, they may play for 15 minutes and maybe longer for example 30 minutes.</p> <p>His older son who aged 7 years is more interested in more physical play like climbing and swinging. He might just jump to the sand table and out of it. He may run around the table and greet the small children (his siblings) who are playing on the table.</p> <p>Palmed-shaped spinner: In one round of play, children maybe play for a few minutes. But they probably use that (return back) for several times. However, time of playing also depends on the relationship between the children who use that together. If they enjoy playing with their friends they may use this palm-shaped spinner for a longer time.</p>	<p>because it is so much energetic and need physical activity, there should be breaks between playing times.</p> <p>The duration of use depends on the length of stay on the playground, for example, if the duration of stay on the playground is <u>two hours</u>, the user can use 'Hill of Flying Balls' <u>for about half an hour</u> (using that for 4 times).</p>	<p>enjoy it (until when they are not tired yet).</p> <p>They may take their car toys with them and play with them on the spiral ramp inside if it is not crowded. They may stay on top (the roofed area on the tree structure) for about ten minutes.</p>		
<p>Question No. 10</p>	<p>6-7</p>	<p>6</p>	<p>6</p>	<p>6</p>	<p>7</p>	<p>X</p>

How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.	He like that to be more colorful.	The form of waves and colors are attractive.	He prefers more balls and also using more colors for the balls.	The main structure is more like a lighthouse for him (the dad).		
Question No. 11 How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.	5	6	7 Too many opportunities.	7	6-7 He prefers more various interaction in each clouds (e.g. using sounds, colors and lights).	X
Question No. 12 How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).	6	6	6	4 It is more like a lighthouse to him.	5 Clouds of joy is good.	X
Question No. 13 In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.	X	X	X	X	X	6
Question No. 13 (a) How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.	X	X	X	X	X	5
Question No. 14 Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.	X	X	X	X	X	5
Question No. 15 In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.	X	X	X	X	X	5 He prefers more colors and rounded edges.
Question No. 16 How long do you think a child and his/her family or companion(s) will	X	X	X	X	X	In his opinion, everything is new and everything is too experienced. So

<p>spend on this playground? How many hours?</p> <ul style="list-style-type: none"> - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or? 						<p>if he and his family have time, they will stay on the playground for about two hours or more.</p>
<p>Any suggestion?</p>	<p>It is better to provide some places (lockers) so that parents can put their backpacks or cellphones there. In this way, it is easier for them to relax in sitting space or follow their children on the playground.</p>					

Personal Information Of the Respondent	Name of Playground Settings/Zones					
	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 8</p> <p>Age: 65 Gender: Female Occupation: University Employee</p> <p>Having any child or grandchildren; their age and gender: She is a grandmother; She has a one-year-old granddaughter and a two-and-a-half-year-old grandson.</p> <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers): -</p> <p>Occupation: -</p> <p>Age and gender of the child/children you interact with: -</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<ul style="list-style-type: none"> - She likes the model with the wall in the middle. - Comfortable - Welcoming and very nice environment - It is practical since the wheelchair users have especial places; also there is enough space to put the backpacks on the arched bench. - She likes the arched shape and round form of this area (the bench). - There is enough space for putting the backpacks. - Sculpture of the bird on the roof is interesting to her. - Because of having a roof it 	<ul style="list-style-type: none"> - Very nice - Welcoming for the children - Nice idea - With the palm the area is very attractive. - Very enjoyable for children. 	<ul style="list-style-type: none"> - Very <u>new concept</u> - Very <u>modern</u> - Very <u>exciting</u> and fascinating - It offers great and wide variety of activities and plays. Even children can use and play with the ropes to which the balls are attached to climb. - Offering <u>great variety</u> and <u>many different</u> activities to do. - Older children, especially boys, are likely to grab the ropes and climb the hills, or swing with the balls. - The older children especially boys may hold the ropes in their hands for climbing or hanging from 	<ul style="list-style-type: none"> - It offers very new ideas and design. - Since it is very high, it attracts children and many children probably goes first to this playground equipment. - It is very attractive and there is a bird on top of this; children probably want to climb up to find out what is on the top of this tree. The children will like its appearance very much because of the colors. It looks very exciting and makes the children curious to find out what is inside. It may look a bit like a Christmas tree, or a lighthouse (because of the 4 windows on the 	<ul style="list-style-type: none"> - It is very new equipment and also very colorful. - It looks very interesting to the children. They will like to play there very much. - Very modern, very new, - It offers many different activities/plays to get involved for different ages. 	X

	is useful for sunny and rainy days.		<p>the balls and swinging with them.</p> <p>- Younger children are more likely to use stairs to climb the hill.</p> <p>- Visually it is very nice; it's a good mixture of colors and shapes.</p>	top and the form of the top).		
<p>Question No. 3</p> <p>Considering the type of product, how appropriate do you think the <i>variety</i> of games/ experiences/services offered by each setting/zone is? Please rate 1-7 (You can describe your answer if you want).</p>	7	6	7	7	7	X
					<p>It offers too many experiences like:</p> <ul style="list-style-type: none"> - Resting - Climbing - Music - Swinging 	
<p>Question No. 3 (a)</p> <p>How appropriate do you think the <i>variety</i> of games and experiences offered by this playground are? Rate 1 to 7.</p>	X	X	X	X	X	7
						<p>It is very attractive, new and modern.</p>
<p>Question No. 4</p> <p>For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group).</p> <ul style="list-style-type: none"> - 3-year olds - 4-year & 5-year olds - 6-year & 7-year olds - 8-year olds - Or? 	For everyone	<p>From one year to six or seven years old</p> <p>(especially for small children from two to four years old).</p> <p>Older children may just like the hills.</p>	From two and a half to eight years or even older children.	<p>Small children can swing and also are curious to go inside the tower.</p> <p>Older children will like the slide.</p> <p>All children from 3 to 8 years old, can get involved in "Acorn, Egg, Apple" Game (see Chapter 13).</p>	<p>All children from the age of two to the age of about 8 or 9 can play. Even adults can go inside this setting and accompany the little children.</p> <p>Small children can use Cloud NO. 3 which is suitable for resting, stepping on cloud-shaped elements, and playing with toys (e.g. doing puzzle and playing with Lego bricks).</p> <p>And older children may use more climbing equipment and more physical ones.</p>	X

Question No. 5 Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?	Yes	Yes	Yes	Yes	Yes	X
Question No. 6 Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect). - Socio-emotional Development - Physical Development - Cognitive Development - Language Development	- Socio-emotional Development: because of the birds and clouds shapes and also because of people's interactions. - Cognitive Development: because of the use of color (for example, colorful sun loungers can contribute in children's cognitive development).	- Socio-emotional Development - Cognitive Development - Physical Development	- Very good for Physical Development - Cognitive Development - Socio-emotional Development (developing social skill) - Maybe it contributes to Language Development too.	- Socio-emotional Development - Physical Development - Cognitive Development - Language Development	- Socio-emotional Development - Physical Development - Language Development - Cognitive Development	X
Question No. 7 In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?) Rate 1 to 7.	7 For adults 6-7 For children	7	7	7	7	X
Question No. 8 How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.	a) 7	b) 7	c) 5	X	X	X
Question No. 8 (a) In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.	X	X	X	X	X	7 Because many people and many children are the users of the Northbahntrasse . It is also easy to access and have many entrances.

<p>Question No. 9</p> <p>How long do you think the user will use each piece of playground equipment/zone? How many hours/minutes?</p>	<p>From one hour to an hour and a half.</p> <p>She also accompanies her grandson and walks among different play zones to observe children while playing.</p>	<p>From twenty minutes to half an hour (especially for small children from two to four years old).</p> <p>Older children may just like the hills and palm-shaped spinner.</p> <p>Spinner: for some minutes in one round.</p>	<p>Half an hour to an hour.</p>	<p>Half an hour</p>	<p>Since it offers many different opportunity to play, from half an hour to an hour.</p>	<p>X</p>
<p>Question No. 10</p> <p>How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.</p>	<p>7</p>	<p>7</p>	<p>7</p> <p>Very nice</p>	<p>6</p>	<p>7</p>	<p>X</p>
<p>Question No. 11</p> <p>How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.</p>	<p>7</p>	<p>7</p>	<p>7</p>	<p>7</p>	<p>7</p>	<p>X</p>
<p>Question No. 12</p> <p>How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).</p>	<p>7</p> <p>The name is nice to her and she likes that.</p>	<p>7</p>	<p>6</p>	<p>6</p>	<p>7</p>	<p>X</p>
<p>Question No. 13</p> <p>In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>7</p>
<p>Question No. 13 (a)</p> <p>How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>6</p>
<p>Question No. 14</p> <p>Do the playground settings/zones harmonize with each other – e.g. in</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>7</p>

design, color, and themes (quality of corporate identity). Rate 1 to 7.						
Question No. 15 In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.	X	X	X	X	X	7
Question No. 16 How long do you think a child and his/her family or companion(s) will spend on this playground? How many hours? - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or?	X	X	X	X	X	2 to 3 hours.
Any suggestion?	- Offering another seating area (to adults) for sitting and observing children, somewhere in the middle of the playground.	- It is good to offer water and various tools to play with sand like toy shovel.				- It is good to offer, a merry-go-round (Carousel) in the playground. - Having some bicycle racks to park your bike nearby.

Personal Information Of the Respondent	Name of Playground Settings/Zones					Complete Playground Area
	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	
<p>Participant No. 9</p> <p>Age: 63 Gender: Female Occupation: Teacher in the primary school She interacts with children aged 5-11 years old. She is also very close to her nephew's son, which is aged 6 years old.</p> <p>Having any child or grandchildren; their age and gender: She is also very close to her nephew's son, aged 6 years old.</p> <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers):</p> <p>Occupation: Teacher in the primary school</p> <p>Age and gender of the child/children you interact with: She interacts with children aged 5-11 years old.</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<p>She said that this design is very new to her and she likes it very much.</p> <p>It's nice to have different sitting areas: 1) benches under the roof and outside the roof, 2) sitting areas on both sides of the bench, 3) space to lie down (3 sun loungers in different colors).</p> <p>It is also very good that this area has <i>three</i> bins that are suitable for different types of garbage/trash/wastes. Providing three bins, support recycling system.</p> <p>In this area people can decide where to</p>	<p>- All children need/like to play in the sand; not just little ones, even older children, such as ten or eleven-year-olds, like to sit on beach/sand areas and play there.</p> <p>- In this sand area, children may take the sand with water and use the hills and space between them or the wave-shaped surface on the ground as a place to make their sculptures and shapes.</p> <p>- Because of the design of this sand area, which have different curved forms and wave-</p>	<p>She likes that very much: the idea, the design, and the play that it offers to children.</p> <p>This play (structure) is beneficial for child development since it is so physical.</p> <p>It is useful for both small and older children.</p>	<p>She likes that very much. It looks very nice. "Apples, Acorns, Egg" game is good for social interactions, team working and cognitive development (especially for small children).</p>	<p>She likes it very much. Its design is futuristic.</p> <p>It is spicy (i.e. exciting and interesting). The design is very attractive.</p> <p>It is full of fantasy. She likes/enjoys watching children playing (to see how they play since there are various opportunities to play and choose). Here, children have many different things to experience (e.g. it offers various physical plays: they have to climb, and to balance).</p> <p>It is also very nice because of the musical elements (musical cloud-shaped elements</p>	X

	<p>sit and in what position. For example, they can watch the children or do something else, such as reading a book, or/and lying down.</p> <p>Since it is an area for relaxing and recreation, she likes all the colors except the red one (the color of one of the sun loungers). Color of 'red' in this area (which is for resting) is a little bit aggressive to her. She likes its design and arched shape of the bench and feels comfortable in this space.</p> <p>In her opinion, it would be nice to have a similar seating area on the other side of the field.</p>	<p>shaped elements in harmony with each other, children love it very much.</p> <p>- Its design, is beautiful.</p>			<p>in Clouds No. 4 & No. 3).</p> <p>Another very interesting and especial thing about this equipment is that children can choose their own path/way to come through and there is <u>not</u> just one definite path for entering 'Clouds of Joy' and moving between different Clouds. For example, from Cloud No. 1, they can either enter Cloud No. 2 or Cloud No. 4. Or they can enter Cloud No. 2 directly. Elements such as the rainbow, the sun and the clouds (that have been used in the design of this setting) are interesting and familiar to children.</p>	
<p>Question No. 3</p> <p>Considering the type of product, how appropriate do you think the <i>variety</i> of games/ experiences/services offered by each setting/zone is? Please rate 1-7 (You can describe your answer if you want).</p>	7	5	7	7	7	X
<p>Question No. 3 (a)</p> <p>How appropriate do you think the <i>variety</i> of games and experiences offered by this playground are? Rate 1 to 7.</p>	X	X	X	X	X	7
<p>Question No. 4</p> <p>For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group).</p> <p>- 3-year olds - 4-year & 5-year olds - 6-year & 7-year olds</p>	For adults especially parents or grandparents.	Sand Table: more for small children from two to five years old.	From three to ten years.	From three to 6 or 7 years old.	From four to eleven years.	X

- 8-year olds - Or?						
Question No. 5 Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?	Yes	Yes	Yes	Yes	Yes	X
Question No. 6 Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect). - Socio-emotional Development - Physical Development - Cognitive Development - Language Development	- Socio-emotional Development - It is a suitable area to relax, enjoy and have a good communication with other people. - Especially the space without the roof is the more suitable space for talking and creating conversation.	- Socio-emotional Development - Cognitive Development (Making and creating things with sand contribute to child mental development). - Language Development: If there are several children, it is useful for their language development. - Physical Development	- Physical Development - Socio-emotional Development	- Physical Development - Socio-emotional Development - Cognitive Development	- Socio-emotional Development - Physical Development - Language Development - Cognitive Development	X
Question No. 7 In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?) Rate 1 to 7.	6-7	6	7	7	7	X
Question No. 8 How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.	a) 7 According to her, there is enough space in this area for users with different abilities (e.g. handicapped ones like wheelchair users). However, it is not predictable how many users (children and parents/adults) will be there.	b) 7	c) -	X	X	X

<p>Question No. 8 (a)</p> <p>In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.</p>	X	X	X	X	X	<p>5</p> <p>It is a new idea for this area (the Nordbahntrasse) that is good. Also, the accessibility of the Northbahntrasse is very good. However, using a lot of plastic in playground equipment, is not good. She thinks it is necessary to use a lot of natural plants, although the colors used in the playground equipment are very attractive to children.</p> <p>Maybe it's better to build this playground in the middle of the city or where more kids live.</p>
<p>Question No. 9</p> <p>How long do you think the user will use each piece of playground equipment/zone? How many hours/minutes?</p>	<p>It depends a lot on the people. She said she could stay there for about two hours. For example, she reads book and drinks coffee. She said she may go with her friend and they could talk there.</p>	<p>Around an hour</p>	<p>Forty-five minutes</p> <p>Children do not use that very long, since it is too physical and takes energy.</p>	<p>An hour</p>	<p>They spend more than an hour in this setting. Maybe from this one hour (or more), 45 minutes children will be physically active (getting involved in physical activity/play). However, they can sit (in Cloud No. 3), play in quiet and enjoy the view as well.</p>	X
<p>Question No. 10</p> <p>How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.</p>	7	7	7	7	7	X
<p>Question No. 11</p> <p>How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.</p>	7	5.5	7	7	7	X

<p>Question No. 12</p> <p>How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).</p>	7	7	7	7	7 It fits very well.	X
<p>Question No. 13</p> <p>In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.</p>	X	X	X	X	X	7
<p>Question No. 13 (a)</p> <p>How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.</p>	X	X	X	X	X	6
<p>Question No. 14</p> <p>Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.</p>	X	X	X	X	X	7
<p>Question No. 15</p> <p>In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.</p>	X	X	X	X	X	7
<p>Question No. 16</p> <p>How long do you think a child and his/her family or companion(s) will spend on this playground? How many hours?</p> <p>- One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or?</p>	X	X	X	X	X	Two and a half hours.
<p>Any suggestion?</p>	Perhaps, it would be nice to have a similar sitting area on the other side of the playground.					Perhaps, if there are flowers or plants near the stone wall (in the back of playground),

	<p>When we have a space of this size, plants/trees can be used to create shade (e.g. natural shade with trees and tent).</p>					<p>they will increase the beauty of the playground.</p> <p>If the future playground is located on the Nordbahntrasse, it is necessary to provide a large bicycle station (bicycle racks) nearby.</p>
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	Name of Playground Settings/Zones					
Personal Information Of the Respondent	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 10</p> <p>Age: 36 Gender: female Occupation: Teacher in the kindergarten</p> <p>Having any child or grandchildren; their age and gender: She has no children of her own. But she interacts with many children in kindergarten daily because of her job.</p> <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers):</p> <p>Occupation: Teacher in a kindergarten, in Wuppertal</p> <p>Age and gender of the child/children you interact with: She interacts with children aged 2-6 years old in the kindergarten.</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<p>She really likes the sculpture of the bird and clouds. Their colors and design are beautiful to her. She said that the bird and clouds are very cute and beautiful; she likes the design and colors.</p> <p>She prefers the design of space with the middle wall. Though it may be more beautiful without the middle wall, because in this way the space offer somewhat more privacy for the different groups that may come to the playground. People may not like or feel comfortable to sit close to the people that they do not know. However, since there is enough</p>	<p>It is a nice and different kind of sand area. It is a cute idea and she likes it. But children probably take the sand from the table (in the basic model) and make their own things around that as well, which may make the area messy. Some of the children probably like that very much. It is more suitable for small children to interact with sand and experience making things with that. Older children often enjoy playing in larger sand area which offer more opportunities.</p>	<p>She said: It is a very nice idea. If I see a play equipment like this in the playground, I will go straight to try it. She likes that the rope is free from one side and the balls (at the end of this free side) are somewhat free which offer more possibility to play and interaction. Very enjoyable and fantastic. She likes the shape and design. It is very much fun. This place offers lots of opportunity like:</p> <ul style="list-style-type: none"> - Climbing - Playing with balls - Jumping on the trampoline 	<p>She is a little afraid that some kids will climb on the outside spiral band (which has 3 rails on) around the tree. She likes this play area very much. "Acorn, Apple, Egg" game is a very cute idea. But if the shapes of this game, are always available for all children, some children may take them home or damage them.</p> <p>She really likes the visual appearance of that. It is very cute with its small elements; she also likes the colors of this setting ('Tree of Adventure').</p>	<p>She likes it very much. It is so cute. Very wonderful and nice. She likes the elements of clouds, rainbow, and sun which are similar to the elements of heaven to her. The children will like the design of the game. The design and concept are very creative.</p>	X

	<p>space in this area, people who want to be together and talk to each other have the opportunity to be close and talk to each other. Also, with the middle wall, when the weather is not very good, the roofed space is protected on both sides. Since this seating area (called 'Peace under Sky') is in the corner of the playground, she (as a kindergarten teacher who is responsible for the children) can have good view of children playing and watch them. Thus, this corner is a good area to place the bench and design the seating area. This corner is a good place to put a bench. The seats for lying down seem strange at first glance because she has never seen anything like that before, Anyway it is a good idea, although she is not sure she will use it. Because she is a little shy to lie down in a public space. Another reason for her not to lie down is that because she herself does not have children and goes mostly with kindergarten children, and because of is her job, she should take care of the children and take good care of them.</p> <p>Another reason for him not to lie down is that because he himself does not have children</p>	<p>Small children also use and enjoy large area.</p> <p>This sand table is a nice and comfortable area for small children to make things with sand (and water).</p> <p>They could make the things and play both on the table and also outside that (e.g. on the hills or on the ground around the table).</p> <p>For some children who do not want to sit on the sand while playing, it may be practical to present the sand area like a table since they can sit on hills around the table.</p> <p>In the advance model of 'Sense of Sea', with palm-shaped model and turtle-shaped element for climbing:</p> <p>The palm and turtle give the space (the simple sand table and hills) more complete view. The palm and turtle really fit the design of this area. She really likes the idea of the palm-shaped spinner and turtle-shaped element for climbing. They make the area (in comparison with basic model) more beautiful, cute and functional.</p>				
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	and goes mostly with kindergarten children, and this is his job, he should take care of the children and take good care of them. She really likes the design; it has everything which is necessary to watch the children; and it is more comfortable than normal benches in typical playground. She really likes the bird also which looks very cute to her. In short, it is a comfortable and nice area.					
Question No. 3 Considering the type of product, how appropriate do you think the <i>variety</i> of games/ experiences/services offered by each setting/zone is? Please rate 1-7 (You can describe your answer if you want).	7	7	7	7	7	X
Question No. 3 (a) How appropriate do you think the <i>variety</i> of games and experiences offered by this playground are? Rate 1 to 7.	X	X	X	X	X	7
Question No. 4 For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group). - 3-year olds - 4-year & 5-year olds - 6-year & 7-year olds - 8-year olds - Or?	The users can be families, and also kindergarten and school groups. She thinks childless people will also use this seating area. For example, if the playground is located on the Nordbahntrasse or similar areas, other people who do not have children – to go to the playground— also use this seating area of the playground for different reasons: to enjoy the view of the playground	Sand table: More for small children. For children 2 to 5 years old, especially 2 and 3 years old. Maybe Six-year-olds use it too. Palm-shaped spinner: More enjoyable for children aged from 4 till 7 or 8 years old (especially for children aged 4-6).	Children aged from 2 to 9 years old. Even the adults like kindergarten teachers can get involved and play.	More from 2 to 6 years old, but 7 and 8 year olds also can use that.	From four to eleven years.	X

	and area, to sit and rest, and to shelter in rainy or windy weather.					
Question No. 5 Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?	Yes	Yes	Yes	Yes	Yes	X
Question No. 6 Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect). - Socio-emotional Development - Physical Development - Cognitive Development - Language Development	- Socio-emotional Development (because of people's interactions with each other and also using QR code which is also some types of interaction, this area contributes in socio-emotional development/int eractions) - Physical Development (small children may hide, move, or run around the area or on the benches)	- Socio-emotional Development - Cognitive Development (Creating something with sand and also interacting with turtle for climbing contribute to mental development). - Language Development (it contributes in children language development, because of talking to each other, asking about their toys and describing what they are creating) - Physical Development	Respectively: - Physical Development - Socio-emotional Development - Cognitive Development - Language Development	- Physical Development - Socio-emotional Development - Cognitive Development - Language Development	- Physical Development (lots of physical activity) - Socio-emotional Development - Cognitive Development - Language Development	X
Question No. 7 In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?) Rate 1 to 7.	7 It is comfortable, since it offers various possibility to sit. Also, because part of it is roofed, it provides more comfortable space to sit and relax, especially when the weather is not suitable. It also has places for wheelchair users and there are bins nearby which are easy to access.	7 They like to use toys/tools which are for playing with sand. The small children probably like this sand area and interacting with turtle. Older children probably more enjoy using palm-shaped spinner.	7	7	7	X
Question No. 8	a)	b)	c)	X	X	X

<p>How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.</p>	<p>7 She thinks everyone can use this place: there is possibility for wheelchair user. Another handicapped ones can also reach this area easily, because both sides of this setting are easy to access and there are no stairs in the area.</p>	<p>7 Wheelchair users can be placed around the sand table and other handicapped ones may be placed by one adult on the table inside/on the sand to play. For safety issue, the adult should be present to support their handicapped children.</p>	<p>4-5 The shortcoming is, children with disabilities cannot fully play with the balls and also cannot play on the trampoline, because of that she answered (scored) this question 4-5.</p>			
<p>Question No. 8 (a) In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>How suitable is it for that place/location? 7 How easy is it to access? Answer: Between 5 and 6. By bicycle, private car or public transport</p>
<p>Question No. 9 How long do you think the user will use each piece of playground equipment/zone? How many hours/minutes?</p>	<p>She thinks they can stay for a long time. In general different types of playground users, probably stay <u>about 2 to 3</u> hours, and if there is a toilet nearby and they bring something to eat and drink (e.g. food and water), they may be able to stay in the playground <u>for half or all day</u>. However, some people (users of the Nordbahntrasse) may just come to rest for five minutes (e.g.</p>	<p>The duration of use depends to some extent on whether there is water in this space or not. By providing water as part of sand table, children enjoy playing with sand and making different things with that. By providing water, sand table becomes more enjoyable for children. Some kids can spend about two hours playing there. It depends on the idea(s) that they have (for building things with sand). Some children may play for about 20 minutes, and if there is water, they probably will play longer. In general, most kids use</p>	<p>One hour or even more, but with some breaks since it is a physical play. This could be the play equipment that children use for several times. They play until they get tired; then, after a short break or playing in the other parts of the playground, they will return to play.</p>	<p>She does not think that children will use all parts of this equipment in one round. But there are different plays that it offers. Thus, they may spend lots of time there. More than one hour (e.g. an hour and a quarter). With breaks between, maybe they play even for a few hours.</p>	<p>They use that for several times from one to few hours but with some breaks between. They use it often (for several times).</p>	<p>X</p>

		<p>it for half an hour and some maybe much longer.</p> <p>Palm-shaped spinner:</p> <p>At one time (one round of playing), they probably only use it for a few minutes (e.g. 5 minutes in one time); after the first round, they may do other things and come back after a while. They probably use the spinner for several times.</p>						
<p>Question No. 10</p> <p>How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.</p>	6	<p>She really likes the colors of bird and clouds on the roof; she prefers that the color of the sun loungers be similar or more in harmony with the colors of bird and cloud.</p>	7	<p>Though she does not like the colors of blue and green together, the design of the turtle, palm, hills, and waves are very harmonious and create a scene like nature.</p>	5	7	<p>It is very cute.</p> <p>7</p> <p>The colors of the rainbow (e.g. used in the bridge) are very beautiful to her.</p>	X
<p>Question No. 11</p> <p>How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.</p>	7		7		7	7		X
<p>Question No. 12</p> <p>How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).</p>	7	<p>She thinks it fits very well.</p>	7		7	7		X
<p>Question No. 13</p>	X	X	X	X	X	X	X	7

In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.						
Question No. 13 (a) How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.	X	X	X	X	X	7
Question No. 14 Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.	X	X	X	X	X	7
Question No. 15 In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.	X	X	X	X	X	7
Question No. 16 How long do you think a child and his/her family or companion(s) will spend on this playground? How many hours? - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or?	X	X	X	X	X	People can stay for about 3 hours, and if there is a toilet nearby and users bring something to read (for adults), eat and drink (e.g. food and water), they may stay in the playground for half or all day. When they go as groups (e.g. two families), they probably stay long.
Any suggestion?	Perhaps, it would be nice to have a similar seating area on another area/side of the playground.					Perhaps, it would be nice to have a similar seating area on another area/side of the playground.

	Name of Playground Settings/Zones					
Personal Information Of the Respondent	'Peace under Sky'	'Sense of Sea'	'Hill of Flying Balls'	'Tree of Adventure'	'Clouds of Joy'	Complete Playground Area
<p>Participant No. 11</p> <p>Age: 46 years old Gender: female Occupation: University Employee</p> <p>Having any child or grandchildren; their age and gender: Eleven-year-old twins</p> <p>For the ones who interact with children because of their job (like babysitters and kindergarten teachers):</p> <p>Occupation: -</p> <p>Age and gender of the child/children you interact with: -</p>	X	X	X	X	X	X
<p>Question No. 2</p> <p>How does using each item of equipment/zone make (your) children/you feel?</p>	<p>She prefers the sun loungers to be a little higher. She likes turquoise blue and prefers the sun loungers to be the same color (wood, gray, or white); in her opinion, this makes the design more clean (i.e. simpler). However, the colors of design is suitable for playground. She thinks wood is a great material for a bench. Its roofed part is very useful for sheltering in the rain and creating shade in sunny days. Although this area is colorful for the aim of being in harmony with other parts of playground, she prefers the color of the sun loungers to be simpler because she thinks this area ('Peace under Sky') is more for adult users.</p>	<p>X</p> <p>Due to the lack of time of participant No. 11, only some pieces of playground equipment were evaluated by her. This play equipment (Sense of Sea) was not evaluated by her.</p>	<p>It seems fun with the balls and the activity of throwing. The 3 fixed balls are also nice. The bush-shaped elements (stairs) installed on the hill are also cool since they support children to easily climb the hill and access the trampoline. The design is cool. In her opinion, if only one person can jump on the trampoline, it will be a bit problematic since most of children want to use the trampoline, jump and be on the top. It also may be a little bit uncomfortable for some children who are on the trampoline when the balls are thrown at them¹⁰.</p>	<p>X</p> <p>Due to the lack of time of participant No. 11, only some pieces of playground equipment were evaluated by her. This play equipment (Tree of Adventure) was not evaluated by her.</p>	<p>- It looks great and fun.</p> <p>- Offering various equipment and lots of opportunities for different activities/plays individually or socially, is great.</p> <p>- It is great that it offers different levels and possibilities for going up and down and being at different heights.</p> <p>- It is great also that it offers different places/rooms for being active or quiet. For example, in Cloud No. 3, people can sit with their friends (or other children) and talk.</p>	X

¹⁰ However, for some or most children, it could be a fun game.

<p>Question No. 3</p> <p>Considering the type of product, how appropriate do you think the <i>variety</i> of games/ experiences/services offered by each setting/zone is? Please rate 1-7 (You can describe your answer if you want).</p>	6		6		7	X
<p>Question No. 3 (a)</p> <p>How appropriate do you think the <i>variety</i> of games and experiences offered by this playground are? Rate 1 to 7.</p>	X	X	X	X	X	
<p>Question No. 4</p> <p>For what age group is each play equipment suitable? Check/choose any age group you think is appropriate (You can/choose check more than one age group).</p> <ul style="list-style-type: none"> - 3-year olds - 4-year & 5-year olds - 6-year & 7-year olds - 8-year olds - Or? 	Parents and grandparents.		Three to ten or eleven years old		From one and a half ¹¹ to eight years.	X
<p>Question No. 5</p> <p>Is this play equipment suitable for both genders (girls and boys)? If not, for which gender is it more appropriate?</p>	Yes		Yes		Yes	X

¹¹ Small children may need parental help.

<p>Question No. 6</p> <p>Which aspects of child development does each play equipment/zone reinforce (i.e. contribute to development)? (Check/choose any aspect you think is appropriate. You can check/choose more than one aspect).</p> <p>- Socio-emotional Development</p> <p>- Physical Development</p> <p>- Cognitive Development</p> <p>- Language Development</p>	<p>Socio-emotional Development (for all children because after playing the children see their parents sitting there and their interactions are socio-emotional).</p> <p>- Physical Development (e.g. some small children – one and a half to 2 years old who are just starting to walk— may move on the bench and jump down).</p>		<p>- Physical Development</p> <p>- Socio-emotional Development</p>		<p>- Physical Development</p> <p>- Socio-emotional Development</p> <p>- Cognitive Development</p> <p>- Language Development</p>	<p>X</p>
<p>Question No. 7</p> <p>In your opinion, how much does the user enjoy playing or interacting with each piece of playground equipment? (i.e. in your opinion, how enjoyable are the experiences that this equipment or area offers to its users?)</p> <p>Rate 1 to 7.</p>	<p>6</p>		<p>7 very much</p>		<p>7</p>	<p>X</p>
<p>Question No. 8</p> <p>How accessible, or barrier-free is each of these 3 zones ('Peace under Sky', 'Sense of Sea', and 'Hill of Flying Balls') for users with different abilities? Rate from 1 to 7.</p>	<p>a) 6</p>	<p>b)</p>	<p>c) 7</p>	<p>X</p>	<p>X</p>	<p>X</p>
<p>Question No. 8 (a)</p> <p>In your opinion, how safe and accessible is this playground considering its area and location (as an example on the Nordbahntrasse next to the Pakour Park)? Rate 1-7.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>-</p>
<p>Question No. 9</p> <p>How long do you think the user will use each piece of playground equipment/zone? How many hours/minutes?</p>	<p>Around an hour (for adults). It depends on how much/long their children want to play in the playground.</p>		<p>a quarter or 15 minutes</p>		<p>20 minutes or half an hour</p>	<p>X</p>

Question No. 10	5		6		7	X
How attractive (i.e. visually beautiful) is each piece of playground equipment/zone to users (to your child and/or to you)? Rate 1 to 7.						
Question No. 11	6		7		7	X
How functionally attractive is each piece of playground equipment/zone to user? Rate 1-7.						
Question No. 12	4		5		5	X
How appropriate is the name of each piece of playground equipment/zone according to its appearance and function? Rate 1-7. (see above).						
Question No. 13	X	X	X	X	X	
In your opinion, how much does a child (e.g. your child) enjoy being and playing in this playground? Rate 1-7.						
Question No. 13 (a)	X	X	X	X	X	
How much do you (as an adult) enjoy spending time in this playground? Rate 1-7.						
Question No. 14	X	X	X	X	X	
Do the playground settings/zones harmonize with each other – e.g. in design, color, and themes (quality of corporate identity). Rate 1 to 7.						
Question No. 15	X	X	X	X	X	
In your opinion, how visually attractive is this playground to its potential users (e.g. you or your children)? Rate 1 to 7.						
Question No. 16	X	X	X	X	X	

<p>How long do you think a child and his/her family or companion(s) will spend on this playground? How many hours?</p> <ul style="list-style-type: none"> - One hour - An hour and a half - Two hours - More than two hours. If so, how many hours? - Or? 						
<p>Any suggestion?</p>						