



LARS LAJ[®]

TAIWAN

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For the project in Taiwan we have chosen durable, environment-friendly materials that will fit into Ørsted brand strategy and requirements.

Steel was our obvious choice for playgrounds in this area, as it is resistant to damage and challenging climatic conditions, durable and having minimal impact on the environment.

Steel is a recyclable material and a recent study indicated that less than 1% of structural steel ends up in landfills. The rest of it can be recycled indefinitely with no losses to properties or performance. Furthermore, it is non-combustible and it does not contribute to the spread of fire from other sources. Plastic is not our best friend, so where we need to use it, we use HDPE. HDPE is a high-density plastic that is catalyzed from ethylene and is highly resistant to many chemical cleaners out there including acids, bases and alcohols. It is extremely resistant to damage from all forms of moisture, as well as fungal growths like mold and mildew. HDPE has proven to be a stronger, more stable material than most plastics, wood, and even metal. It does not contain BPA, phthalates, heavy metals or allergens. HDPE plastic is the most environmentally stable of all plastics – giving off no harmful fumes into the environment. Made from recycled materials, it contains between 25% and 100% pre-consumer material and it's also 100% recyclable.

Our boards are made of HPL, which is an eco friendly board with unlimited recycling possibilities, and we only use screws and bolts made of stainless steel – they last years in unchanged condition, what prevents the risk of contaminating the soil.

Design of device is inspired by the energy of wind.

METAL PIPES

- durable material
- resistant to weather conditions

PE / HDPE PLATES

- easy to recycle
- resistant to weather conditions

ARTIFICIAL GRASS

- does not have to be watered = saving water
- easy to recycle

PROPLAY SYSTEM

The granules are coated with polyurethane and glued together to create a resilient porous structure. The coating is protected from damage that friction would generate if granules were loose in the turf infill.



ROPES

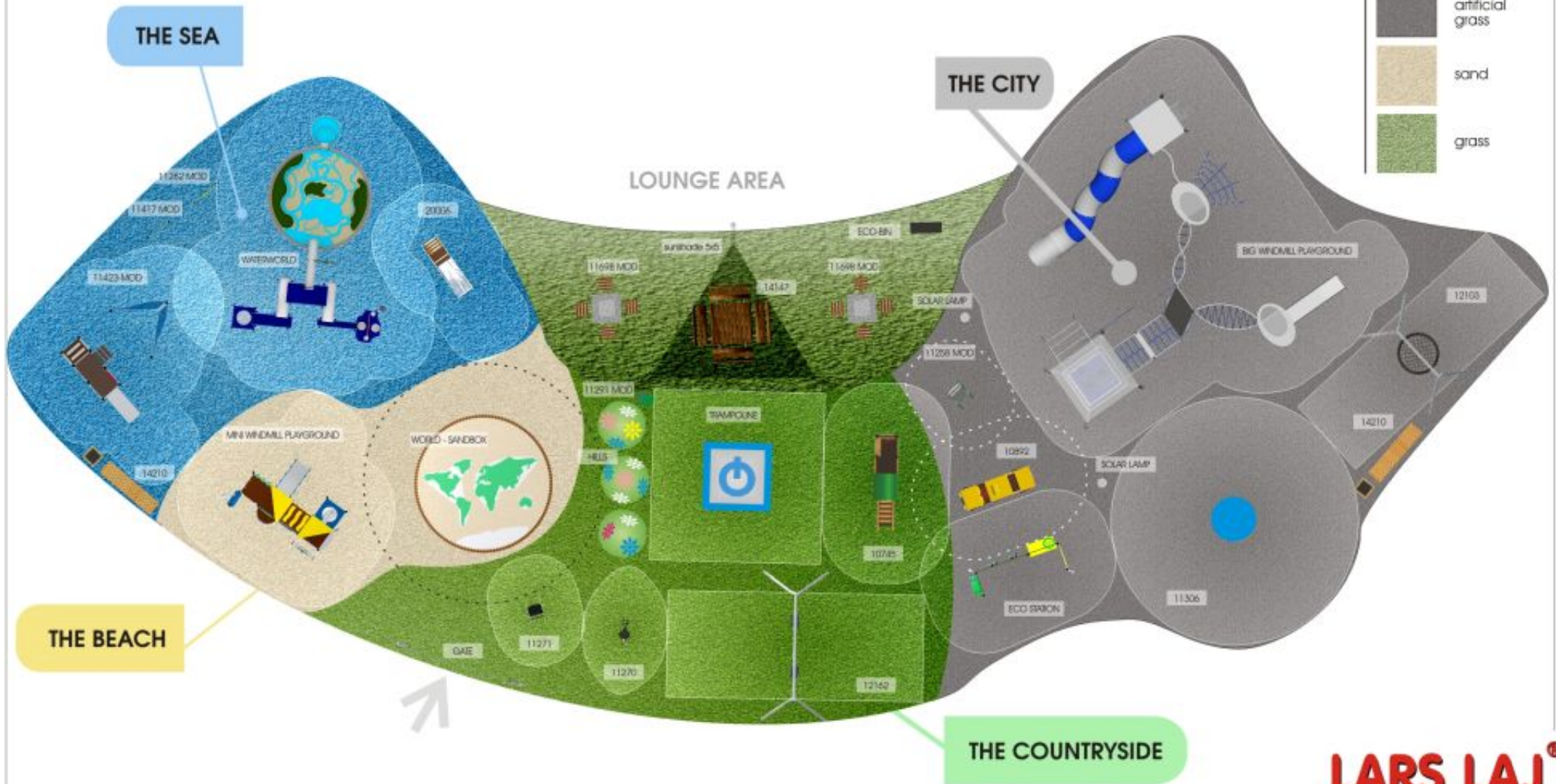
- Do not contain harmful substances
- made with durable materials



Concept

We have chosen to design the whole playground area as the Earth. We have the blue as a symbol of the oceans, the sand as the beaches, the green grass as the countryside and the grey which symbolizes the concrete of the cities.

-  blue artificial grass
-  green artificial grass
-  grey artificial grass
-  sand
-  grass





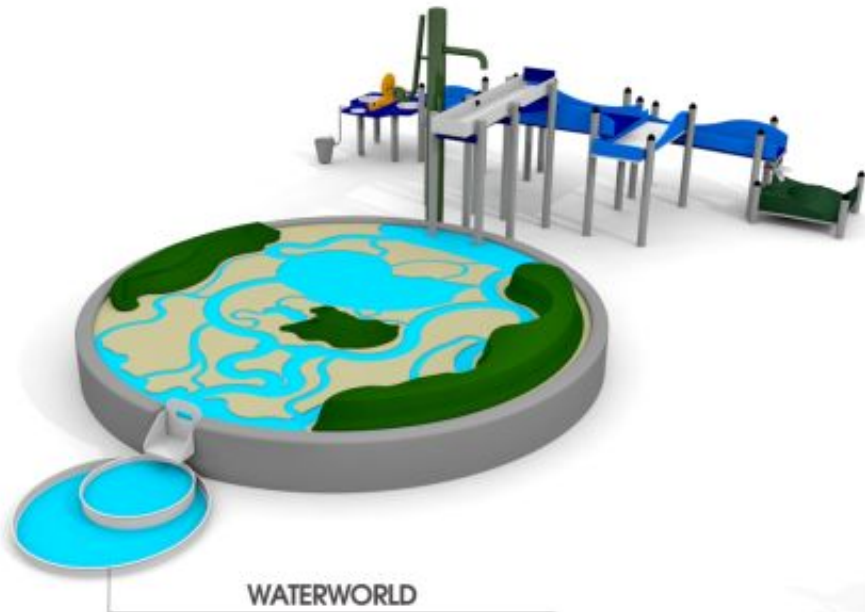


The Sea

In the Sea we have some thematic play units as for example a **playboat** and a **dolphin slide** for the smaller children and these have been complemented with a **waterplay structure** offering the possibility of guiding around the water and leading it into the circular landscape where the water will find its way through indicated mountains, rivers, hills and valleys as it does in the real world...

A rather flat landscape in a framed basin will show **the consequences of the rising sea water levels** and it will be possible to see how flatlands and islands will disappear with rising sea levels in the future.

This is all based on **mechanical** movements with dams, openings, pumps, wheels and handles.



WATERWORLD



20006
DOLPHIN SLIDE



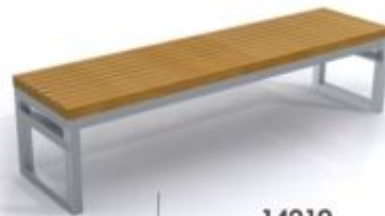
11423 MOD
SMALL SHIP



11282 MOD
MEMORY BOARD



11417 MOD
PUZZLE BOARD



14210
KYOTO BENCH



14354
TALLIN BIN





The Beach

The Beach is next to the Sea offering **real sand** as the surface and with a “**windmill**” decorated with a traditional play-structure with platforms, slides, bridges, stairs and ramps – but also offering sand play activities for the smaller children as well as an **Earth sandbox** next to it showing our round **planet** with the continents as sand play tables.

The Beach is designed for smaller children and the framed sandbox also allows the toddlers to have an area where they can act and play safely.



MINI WINDMILL PLAYGROUND



WORLD - SANDBOX





The Countryside

The Countryside starts where the Beach stops and have been equipped with some **thematic hills** and countryside springers as well as a thematic **tractor** for the smaller children and continues with a **trampoline** and a swing offering moving activities and social possibilities to jump and swing together – these activities are fitting for a variety of age levels 2-12 years.



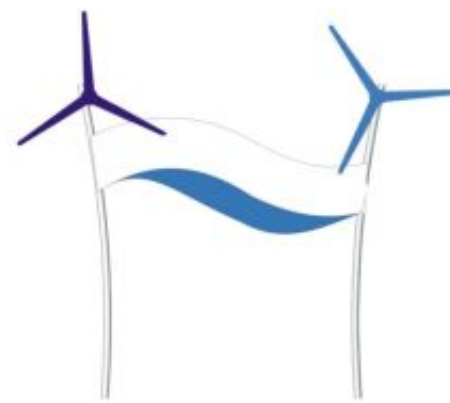




12103
SILVER SWING (BNS 120CM)



10745
TRACTOR



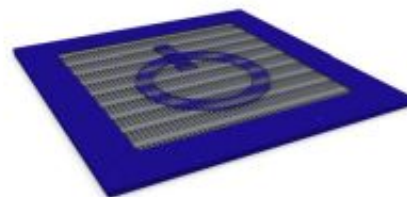
GATE



11271
SHIP



11270
COW



TRAMPOLINE



11291 MOD
BIRD FEEDER





The City

The countryside stops with a tractor vehicle just next to the City's battery charging **eco-station** where we additionally have a car, a motorbike and informative environmental fact-sheets on the available space.

The City offers the playground for the biggest children with some platform towers indicating the City's **high towers and buildings** – this play structure is dedicated to the older children from 7 up to 12 years and have challenging climbing activities as well as a thrilling closed **tube slide**. It has been decorated with windmills and gives a modern city design to the area.

A **rotating play bowl** and a **bird's nest group swing-system** is also included in the City – altogether offering the older children both challenging play and possibilities to socialize on a group swing.





BIG WINDMILL PLAYGROUND



12103
SILVER SWING (BNS 120CM)



11306 BLUE
FLYING SAUCER



SOLAR LAMP



11286 MOD
ECO STATION



11258 MOD
CAR



10892
TAXI



14354
TALLIN BIN



14210
KYOTO BENCH

LOUNGE AREA



14811
SUN SHADE TRIANGLE 5X5



14210
KYOTO BENCH



11698 MOD
TABLE



ECO BINS

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