THE 3RD CHALLENGE

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Adaptation Solutions For a World in Change By GAL NAUER ARCHITECTS

THE 3RD CHALLENG

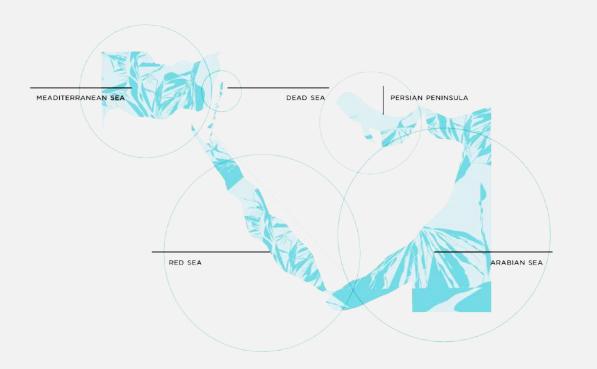
One of the greatest challenges our generation is facing is how to deal with the fast and dynamic changes the world is experiencing.

The first challenge was identifying and understanding the phenomenon of global warming. This challenge was led by the scientists.

The second challenge is being led by leaders of countries and world environmental organizations, creating set of rules and regulations, aiming to achieve global commitment to stop or at least slow down climate change. Flow™ identifies our time, as the beginning of an era of adaptation, and calls it The 3rd challenge.

This is the time for architects to design and plan new forms of living habitats fit to the climate changes, manifested by adaptation perception and solutions. This is the moment for developers to create adaptation solutions initiatives.

Flow™ put together a set of tools, creating a solution platform for adaptation.





Flow™ calls to move back to regionalism, to see the strength of the local traits, characteristics tradition of the area.

A strong region – is a self sustained to survive the disruptions in familiar chains of sequences and orders.

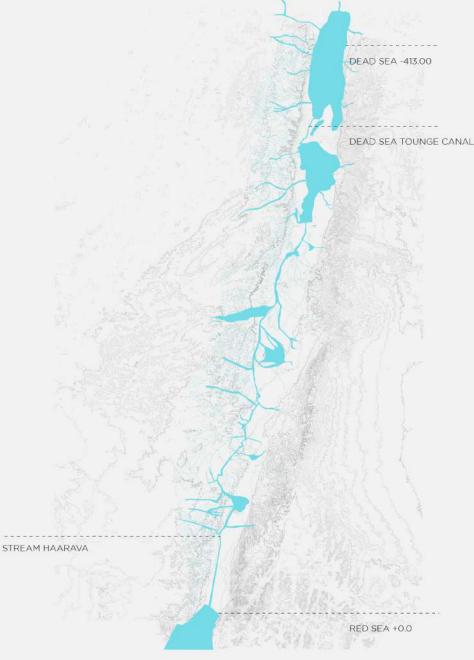
A regions sustainability leads to local wellness, to future prospect and strong economy.



FLOW BACKGROUND | FLOW01 FROM SEA TO SEA | FLOW02 DESERT LIVING HABITAT | FLOW03 SOUL THERMAL SPA



BACKGROUND | FLOW01 FROM SEA TO SEA | FLOW02 DESERT LIVING HABITAT | FLOW03 SOUL THERMAL SPA



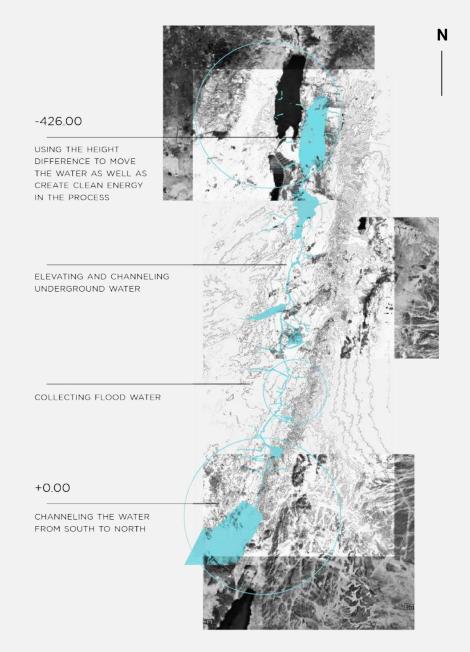
FROM SEA TO SEA

The project "**From Sea to Sea**", is located on the great rift valley. A segment of 170KM of harsh desert, stretching from the Red Sea (+0.00) to the Dead Sea (413.00m below sea level). An area of extreme climatic conditions, where the weather is becoming drier and hotter every year.

This not only affect the local temperature, but also the local communities, the region's demography and the challenged local economy. The region is lacking sustainability and future prospect.

Our methodology approaches the region and it's challenges with a palette of solutions

Flow[™]01 is Planning an artery of life through this valley of disruption based on rearranging the flow of water, growth of vegetation and building new living habitats, using the palette of adaptation solutions.



Flow™ O1 From Sea to Sea

We look at a region as an anchor for local sustainability.

Planning an artery of life through the Araba valley is based on rearranging the flow of local resources.

Water, the most important element of life and living things is crucial in the desert.

Flow™ O1 channels the water along the Araba desert, using underground water, flood water as well as water from the red sea.



FlowTM O1 From Sea to Sea

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Once water is channeled through the water canal connecting the two seas, the "num" local vegetation of the desert awakens , blooms and spreads in the open area.

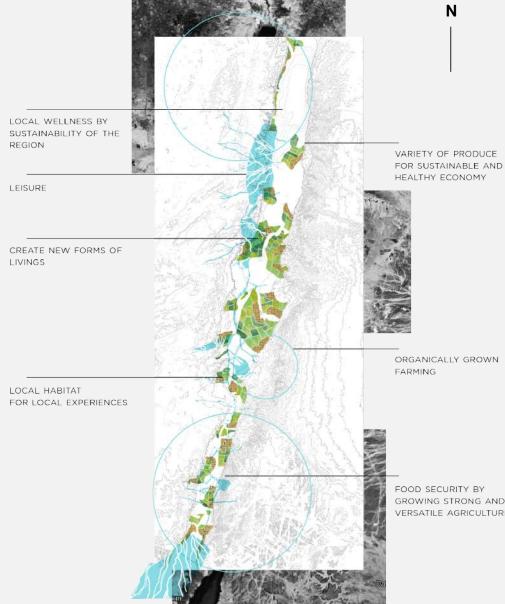
Cells of green vegetation evolve, surrounding water sources, and water paths.

Every tree in the desert is a point of microclimate, creating areas of comfort zones.

PLANTING TREES FOR SHADOW AND HEAT MANAGEMENT

CREATING A MICROCLIMATE BY MERGING THE LAYERS OF FLOWING WATER, TREES, ORCHARDS AND PLANTATIONS





Flow™ 01 From Sea to Sea

Settlements, throughout the history of the humankind established and grew alongside water sources.

Historical evidence to this pattern of settlements was exposed in archaeological sites throughout the Araba region.

This region is characterised by clusters of rural-agricultural communities that chose the cooperative way based on sustainable agriculture drawn from regional sources.

GROWING STRONG AND VERSATILE AGRICULTURE

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FLOW BACKGROUND | FLOW01 RED-DEAD | FLOW02 DESERT LIVING HABITAT | FLOW03 SOUL THERMAL SPA

YAHEL – EXTREME DESERT LIVING HABITAT

Yahel, located on the Araba rift valley, 65 KM from the Red Sea.

Geographically a fascinating region, where folds of dunes are meeting to celebrate the engraved path of the lost rivers.

The project, a desert living habitat with an attitude of a living habitat for the nomadic trend of current culture, where the traveling community is looking for flexibility, comfort and to have a meaningful experience, site specific and authentic.

Our concept of developing hospitality, lies within the essence of the experience beyond the "room". Foreseeing the living - being environments, rooted at the local surrounding.

FLOW BACKGROUND | FLOW01 FROM SEA TO SEA | FLOW02 DESERT LIVING HABITAT | FLOW03 SOUL THERMAL SPA

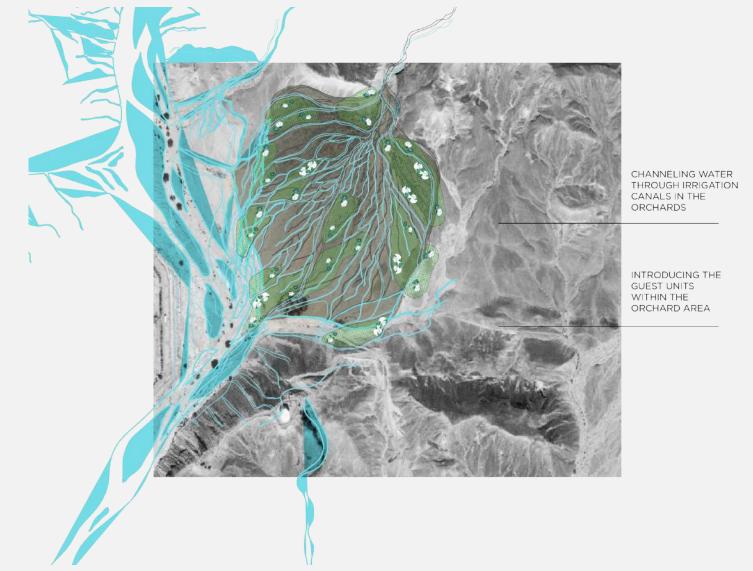
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SALT SEA

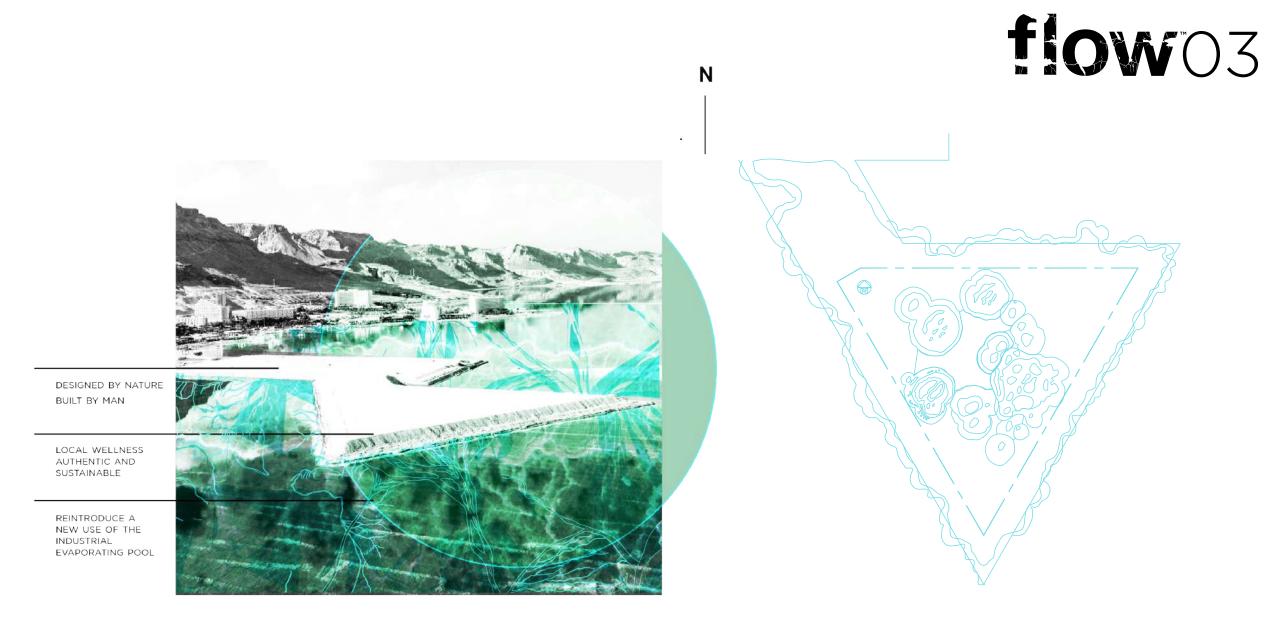
SOUL THERMAL SPA

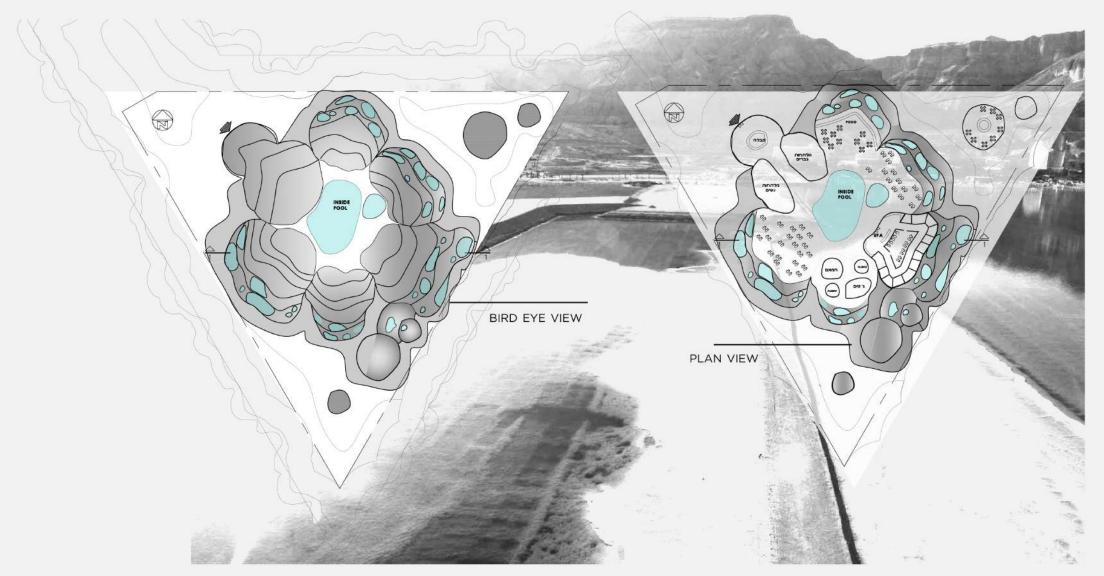
The Dead sea, one-of-a-kind natural phenomenon, located at the lowest point on the great rift valley.

The Dead Sea has experienced and still is experiencing endless morphological changes as well as geological shifts and seismic movements.

Nevertheless, a manmade evaporating pool, created in order to extract salt and minerals is allowing both "an island of stability" for leisure and tourism in this very fragile landscape, as well as experiencing a unique phenomenon of salt crystallization.

In the process of designing the Soul Thermal baths and spa we are looking to collect, identify and reuse the architectural vocabulary inspired by the local forms of nature.







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