

6°C URBAN HEAT INCREASE

ENVIRONMENTAL DEGRADATION COST

POLLUTION CLOUD, ALARMING CANCER RATE & CARDIOVASCULAR DISEASES

WATER POLLUTION

LACK OF GREEN SPACE / CAPITA

CATASTROPHIC FLOODING









FROM ECO SYSTEM TO INFRASTRUCTURE





DUMPING OF GARBAGE IN RIVER

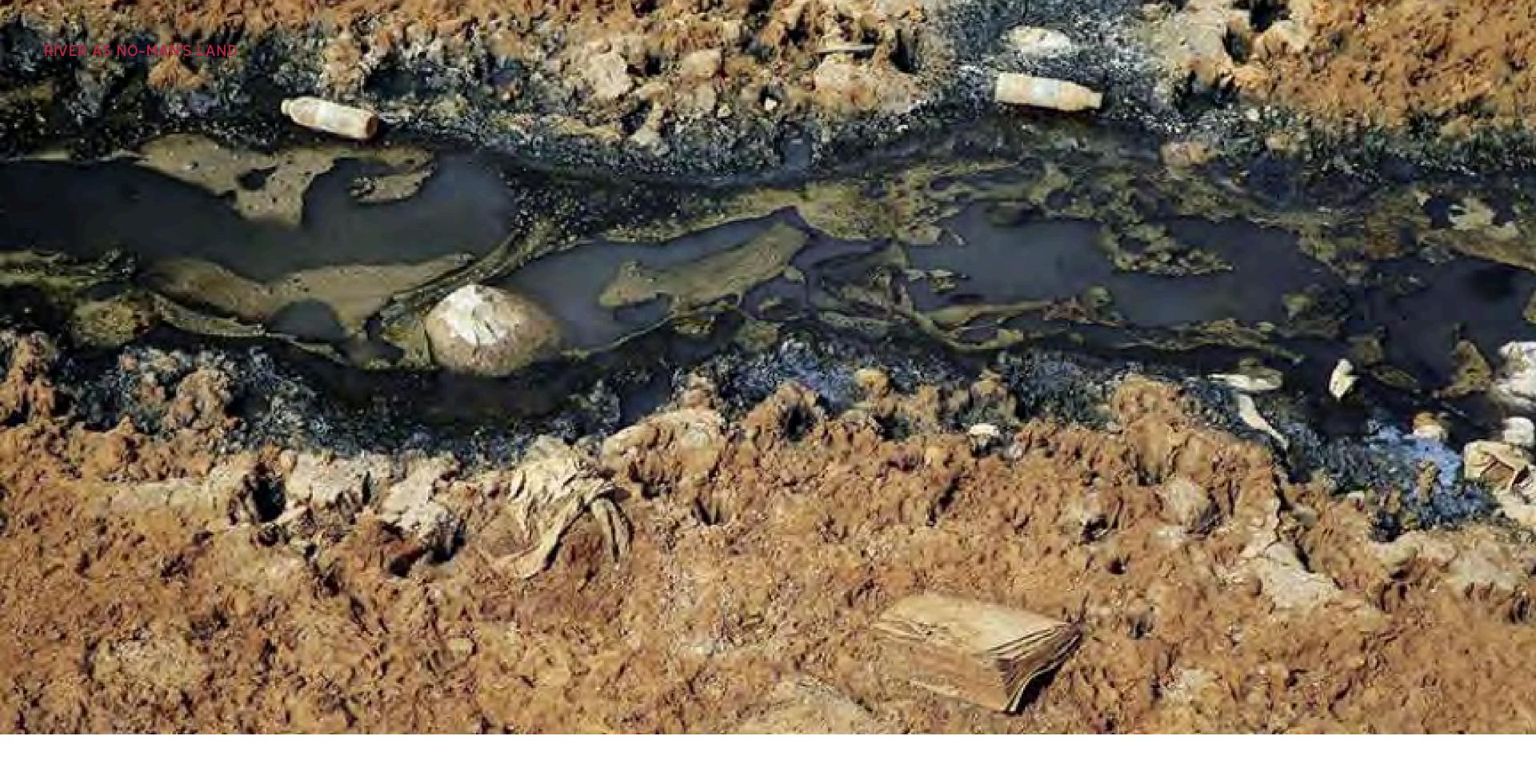
AUGUST 2015 - MARCH 2016







DUMPING OF GARBAGE IN THE RIVER IN 2015



DUMPING OF RAW SEWAGE / INADEQUATE INFRASTRUCTURE



ONGOING DUMPING OF INDUSTRIAL WASTE IN THE RIVER





THINK GLOBAL, ACT LOCAL.

"It's the little things citizens do. That's what will make the difference. My little thing is planting trees."

Wangari Maathai, Kenyan Ecologist



BENEFITS OF URBAN FORESTS a Nature-Based Solution

- ✓ FIGHT CLIMATE CHANGE
- ✓ FILTER AIR POLLUTION
- ✓ COOL DOWN CITIES
- ✓ PROTECT BIODIVERSITY, BIRDS AND ANIMALS
- ✓ MANAGE URBAN FLOODS
- ✓ RESTORE THE WATER CYCLE

- ✓ IMPROVE PHYSICAL AND MENTAL HEALTH
- ✓ COMPETITIVE ADVANTAGE FOR DEVELOPMENT PROJECTS
- ✓ COST-EFFECTIVE: NO WATERING OR MAINTENANCE AFTER 3 YEARS









LEBANON BIOME

Potential Natural Vegetation Studies conducted by botanist Hicham El Zein

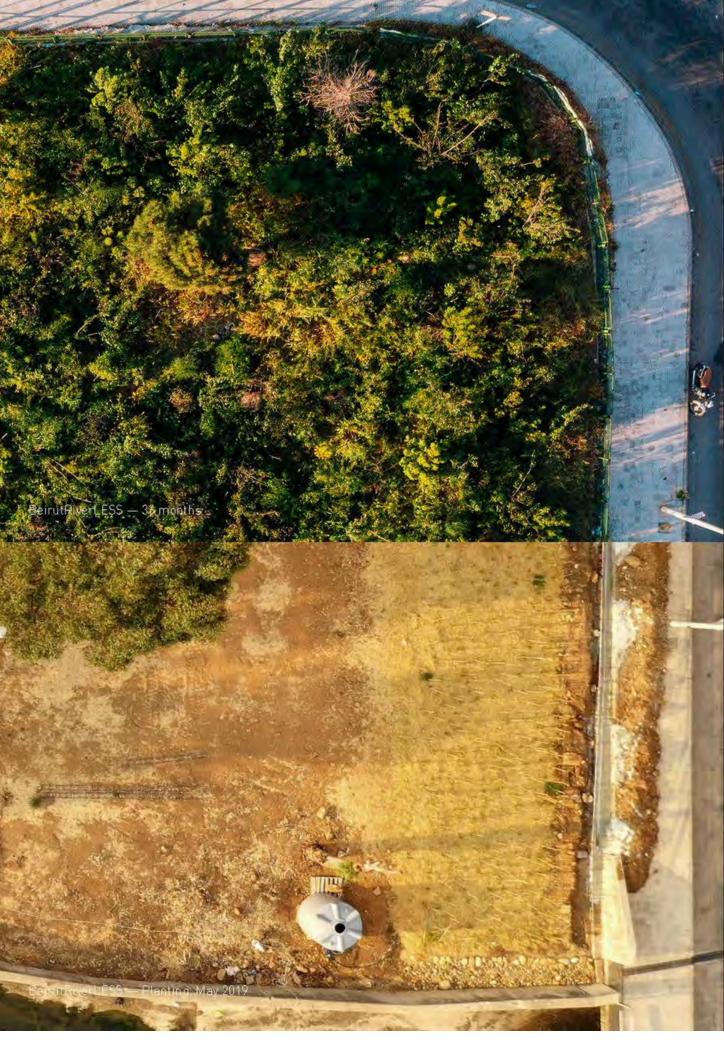
Climate: Mediterranean climate

Characteristics: Evergreen oak forests,

aromatic shrubs

Some species: Quercus calliprinos, Acer syriacum, Crataegus monogyna, Arbutus andrachne, Myrtus communis, Salvia fruticosa, Cercis siliquastrum, Pinus brutia...



















THE OTHER FOREST

<u>A nature-based tool for ecological</u> <u>& social regeneration in cities</u>

By implementing urban afforestation, we can regenerate degraded leftover lands into a shared space between humans and native fauna and flora, tackle urban flooding, reduce pollution and urban heat island effect.

Essentially working with nature to transition our cities to healthy and resilient communities.



IMPACT since 2019

13
FORESTS AND COUNTING















1 GOAL

EMPOWERING COMMUNITIES TO RECLAIM
DEGRADED LANDS AND TURN THEM INTO
A SHARED HABITAT FOR HUMANS AND
OTHER CREATURES TO THRIVE



RECLAIMING DEGRADED LAND AS PUBLIC SPACE

Through all its phases, urban afforestation brings people together to reclaim leftover degraded lands, empowering communities to create green public spaces









REGENERATING ECOLOGICAL SYSTEMS

We nurture the degraded urban soil to recreate its healthy microbial and fungal communities. We bring the native ecosystem back to life!





REGENERATING SOCIAL CONNECTIONS

Making a native forest can involve corporate teams, famillies and kids, and the community. Reconnecting with nature through positive actions focused on learning and bonding.





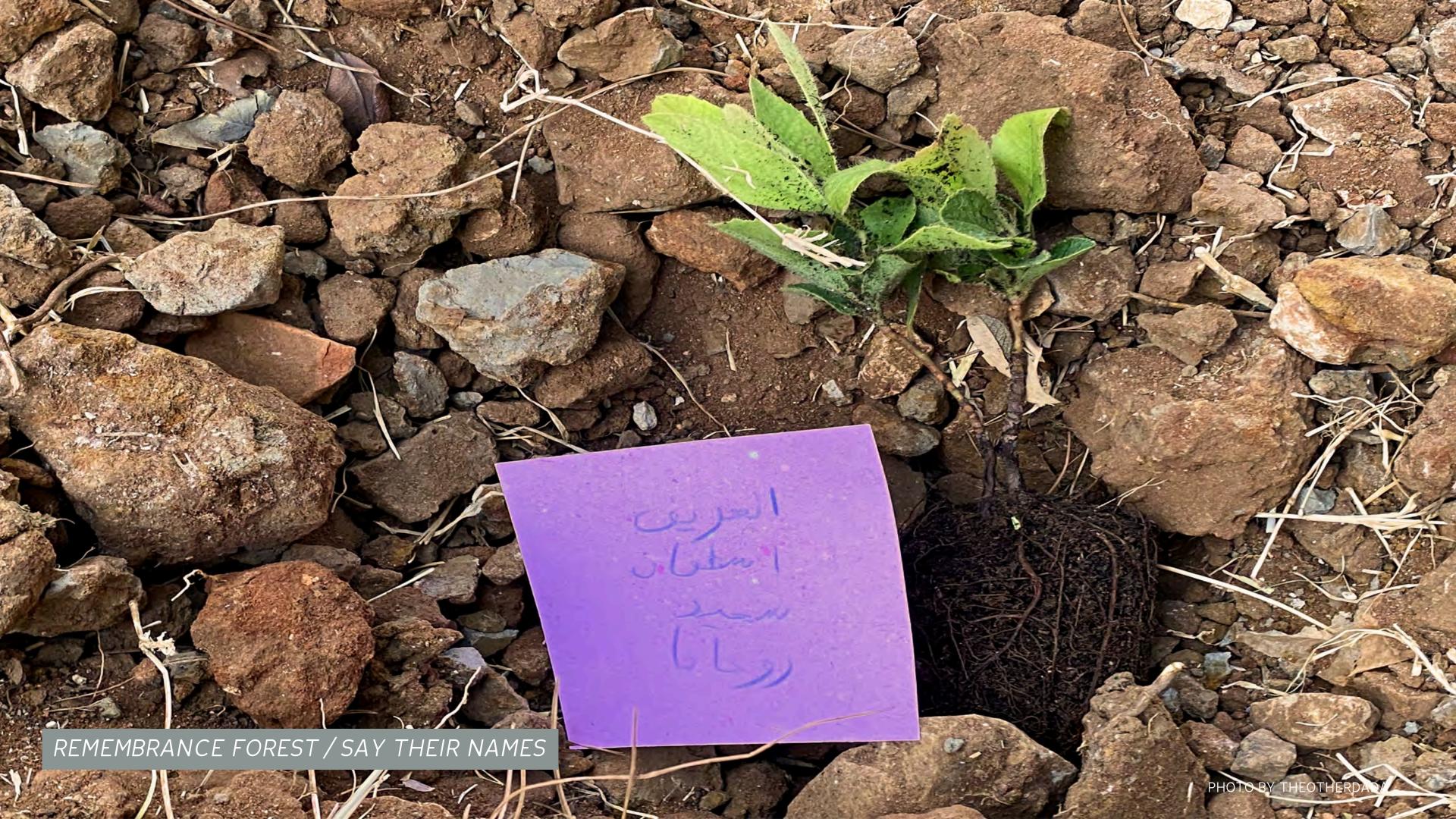








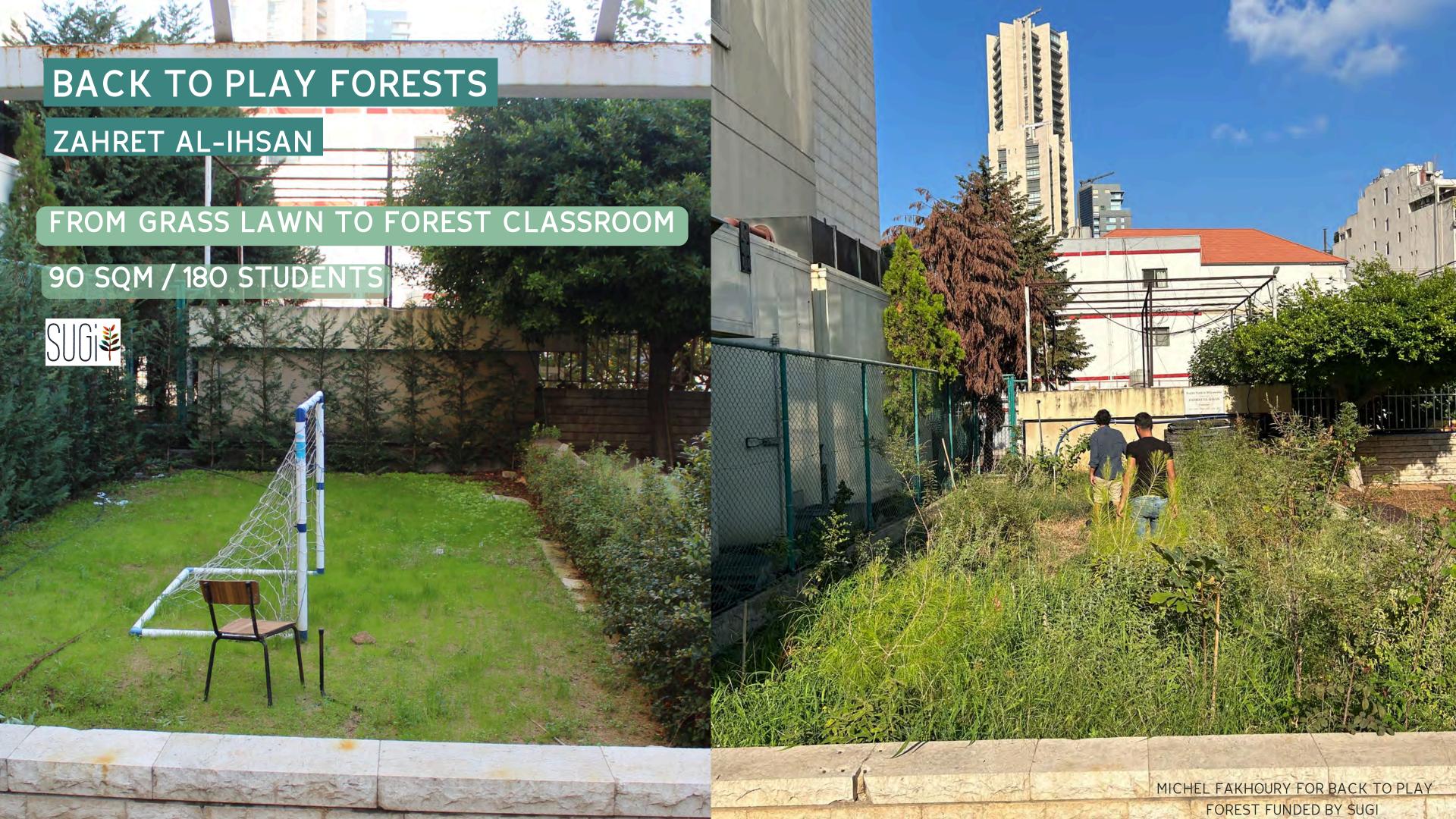














/ PROJECT OBJECTIVE

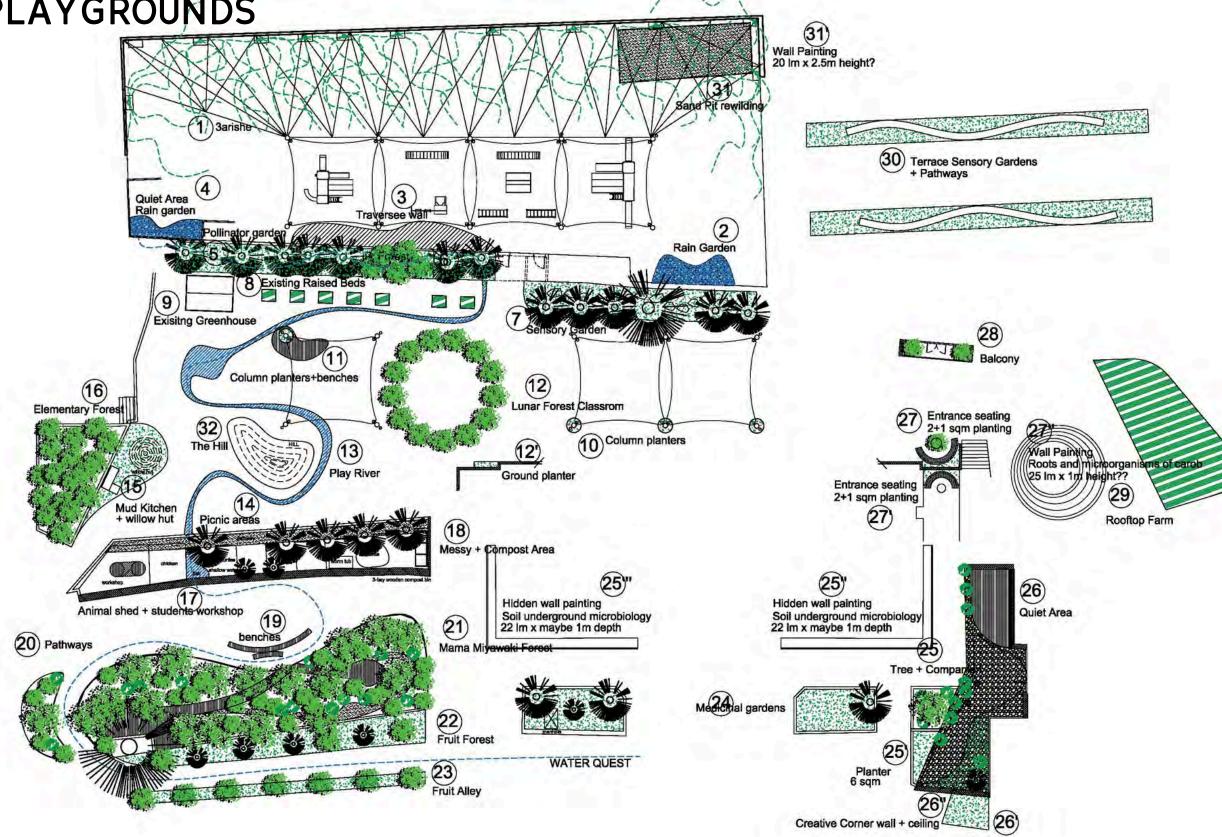
Creating an interactive environment that fosters student well-being, Self-directed learning & connects students to nature in the city.



IC PRESCHOOL REWILDING

33 NATURE-BASED INTERVENTIONS ON 1,500 SQM OF CONCRETE PLAYGROUNDS

- / MIYAWAKI FORESTS
- / MEDICINAL GARDENS
- / SENSORY GARDENS
- / QUIET AREAS
- / FOREST CLASSROOM
- / PERMACULTURE FARM
- / WATER QUEST

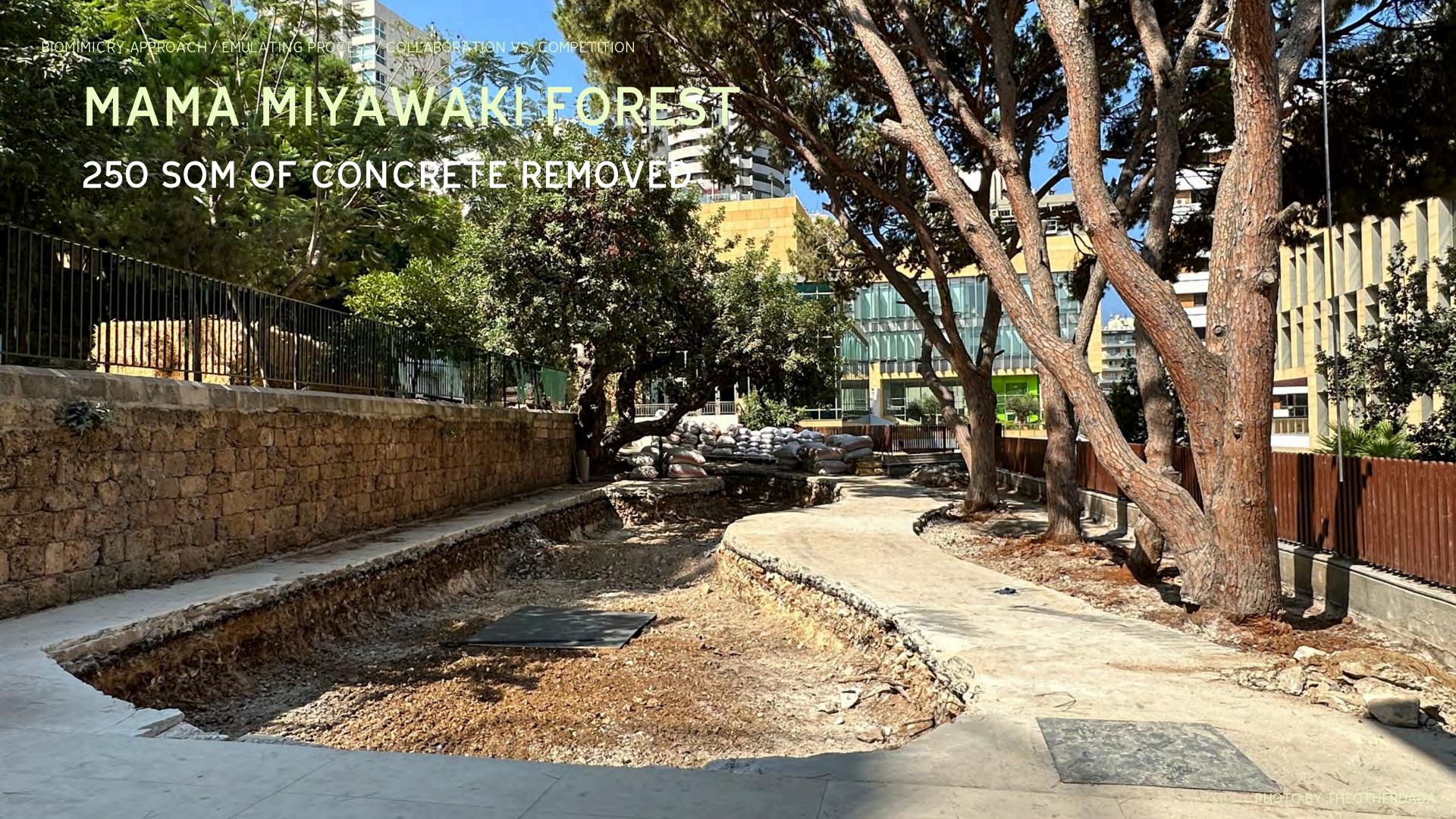






KEY METRICS: # of plants: 800 |. # of species planted: 26 |. Area (in sqm): 174 m2 |. Area of shade provided: 355 m2 |. Area of concrete depaved: 174 m2 |

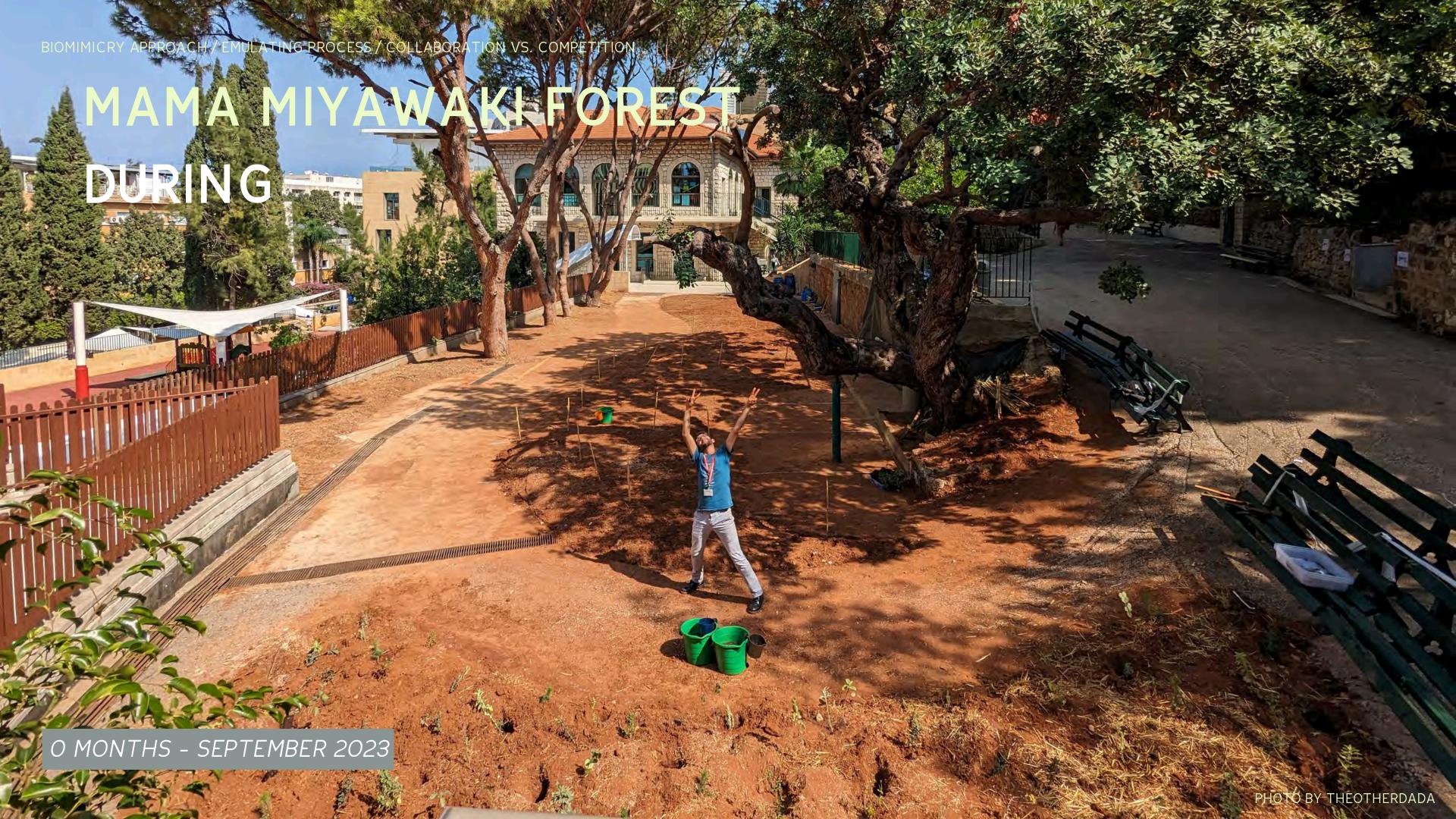
UN SDG targets: 3, 11, 15 |. Temperature: |.Biodiversity observed: bumble bees + birds |. Rainwater infiltrated: 143,637 L/y |. Waste diverted: 0























The ongoing wars and conflicts in Lebanon, Palestine, Sudan and beyond, are not only wars on people, they are also wars on soil, birds, and animals, they are wars on trees, food, water and air, they are wars on culture.

THEY ARE WARS ON LIFE ITSELF

REGENERATING LIFE is a powerful and peaceful tool for revolution, growing rooted and beautiful individuals who foster all of life as part of their global community

PLANTING LIBERATION is my practice of resistance

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OtherDada
regenerative consultancy
& architecture

A Tool for Ecological and Social Regeneration

- / CHALLENGES
- / NATURE-BASED APPROACH
- / MORE THAN HUMAN HABITATS
- / HEALING HABITATS
- / LEARNING HABITATS
- / INTERSPECIES HABITATS

N°OO1

SUGi IMPACT REPORT

BeirutRiverLESS Reclaiming public space and restoring biodiversity.

"Why Beirut? It is a place dear to my heart and it's where the journey began..

SUGi's first (ever) pocket forest was planted in Beirut

It's a place where Nature brings hope, and where community means everything."

Elise Van Middelem, Founder & CEO, SUGi FOREST MAKER: Adib Dada May 2019



LOCATION: Beirut, LB FOREST SELF-SUSTAINING

SIZE

200 Sq m

NUMBER OF TREES:

800

NATIVE SPECIES:

17

SURVIVAL RATE:

74%

AVERAGE OF TALLEST 3 TREES;

395 cm





Site







12 months

24 months



6 months





