



YASAI®


GROW MORE WITH LESS

December 2022
Pitch Deck



www.yasai.earth
business@yasai.earth

Spin-off | **ETH** zürich



CHALLENGES IN THE FOOD SYSTEM

SUPPLY CHAIN

CLIMATE CHANGE

FOOD WASTE



OPPORTUNITIES FOR THE **FOOD SYSTEM**

DECENTRALISATION

DECARBONISATION

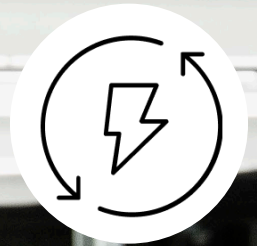
DIGITALISATION

OUR VERTICAL FARMS GROW



HEALTHY PLANTS FOR HEALTHY PEOPLE ON A HEALTHY PLANET

POWERED BY 100% RENEWABLE ENERGY



UP TO 200x MORE YIELD PER M² OF GROUND SPACE



95% LESS FRESH WATER & LESS FERTILIZER



LESS FOOD MILES & ZERO CHEMICAL PESTICIDES

WHAT WE CAN GROW



EDIBLE



Kale



Berries

COSMETICS



Lemongrass



Tea tree

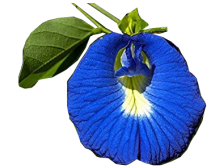


Aloe vera

MEDICINALS



Baldrian



Clitoria Ternatea



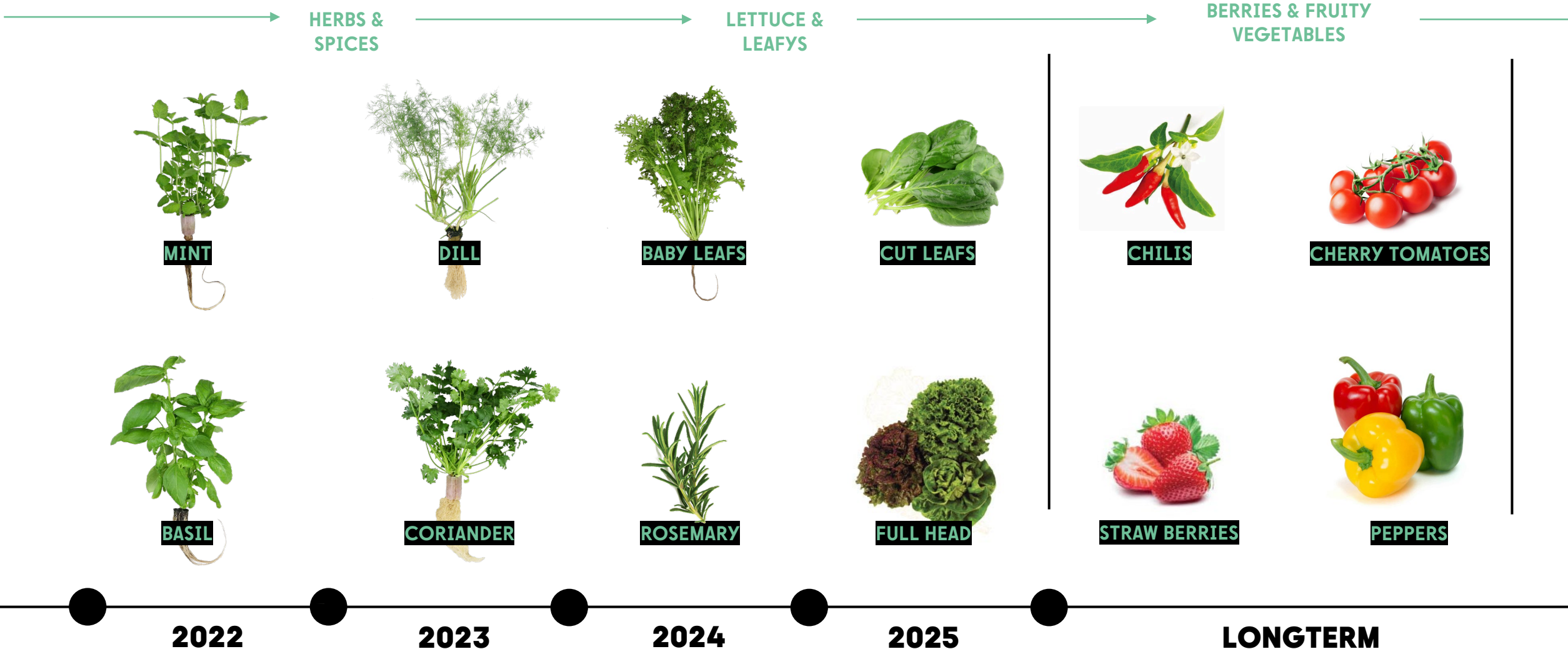
Calendula



St. Johns wort



PRODUCT PIPELINE EDIBLE PLANTS



OUR YASAI HERBS IN STORES



Find us in
+120 Swiss
retail stores
branded &
white-labeled

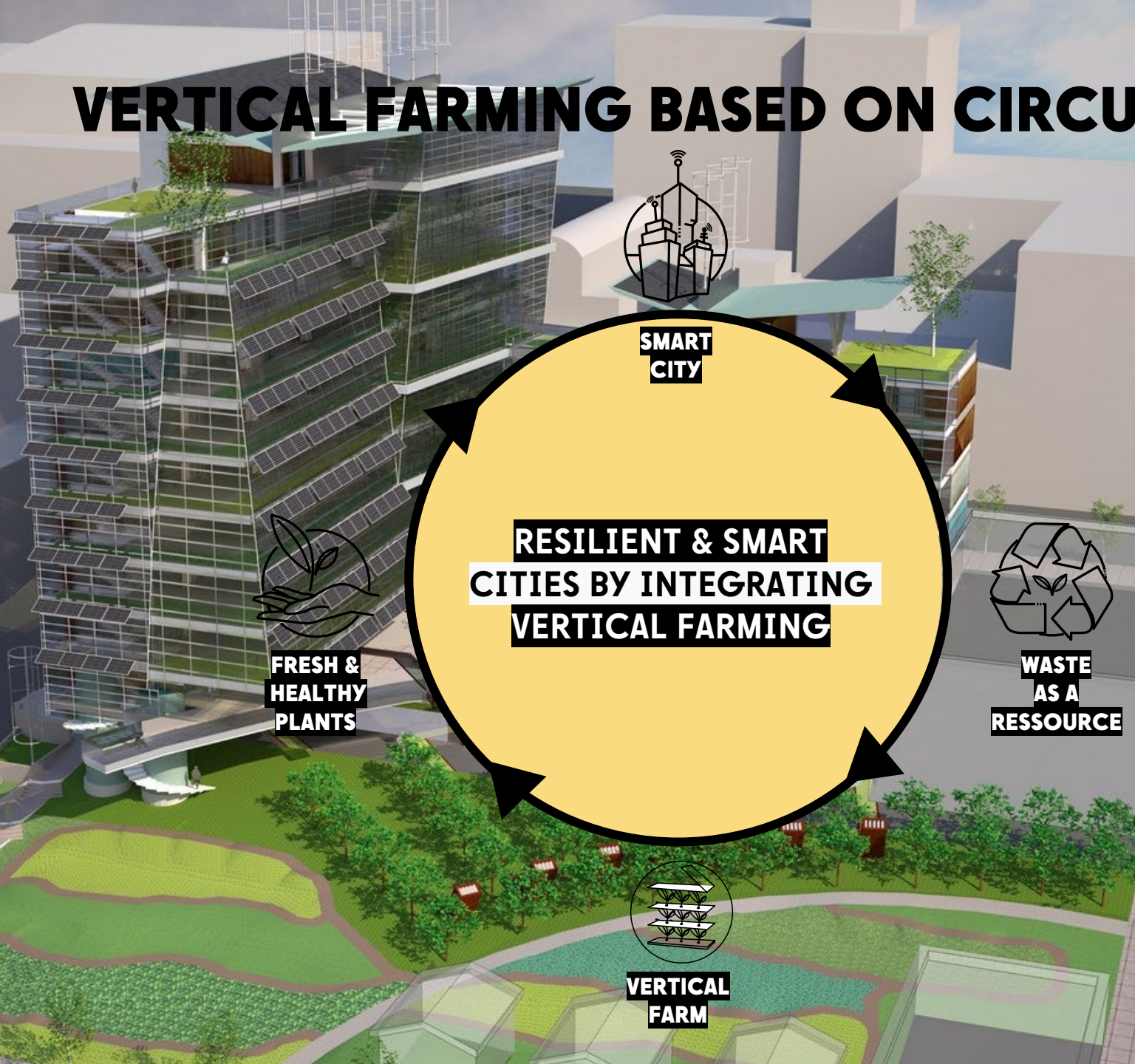


YASAI HERBS
WERE AT
WORLD
ECONOMIC
FORUM

Jelmoli
YASAI IS ALSO
AVAILABLE AT



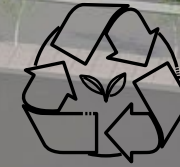
VERTICAL FARMING BASED ON CIRCULAR ECONOMY



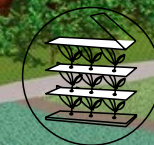
SMART CITY



FRESH & HEALTHY PLANTS



WASTE AS A RESSOURCE



VERTICAL FARM

RESILIENT & SMART CITIES BY INTEGRATING VERTICAL FARMING

REUSE EXISTING SPACE

To protect undeveloped land and give formal industrial areas new value

CAPTURE CO2

To promote plant growth and reduce carbon footprint

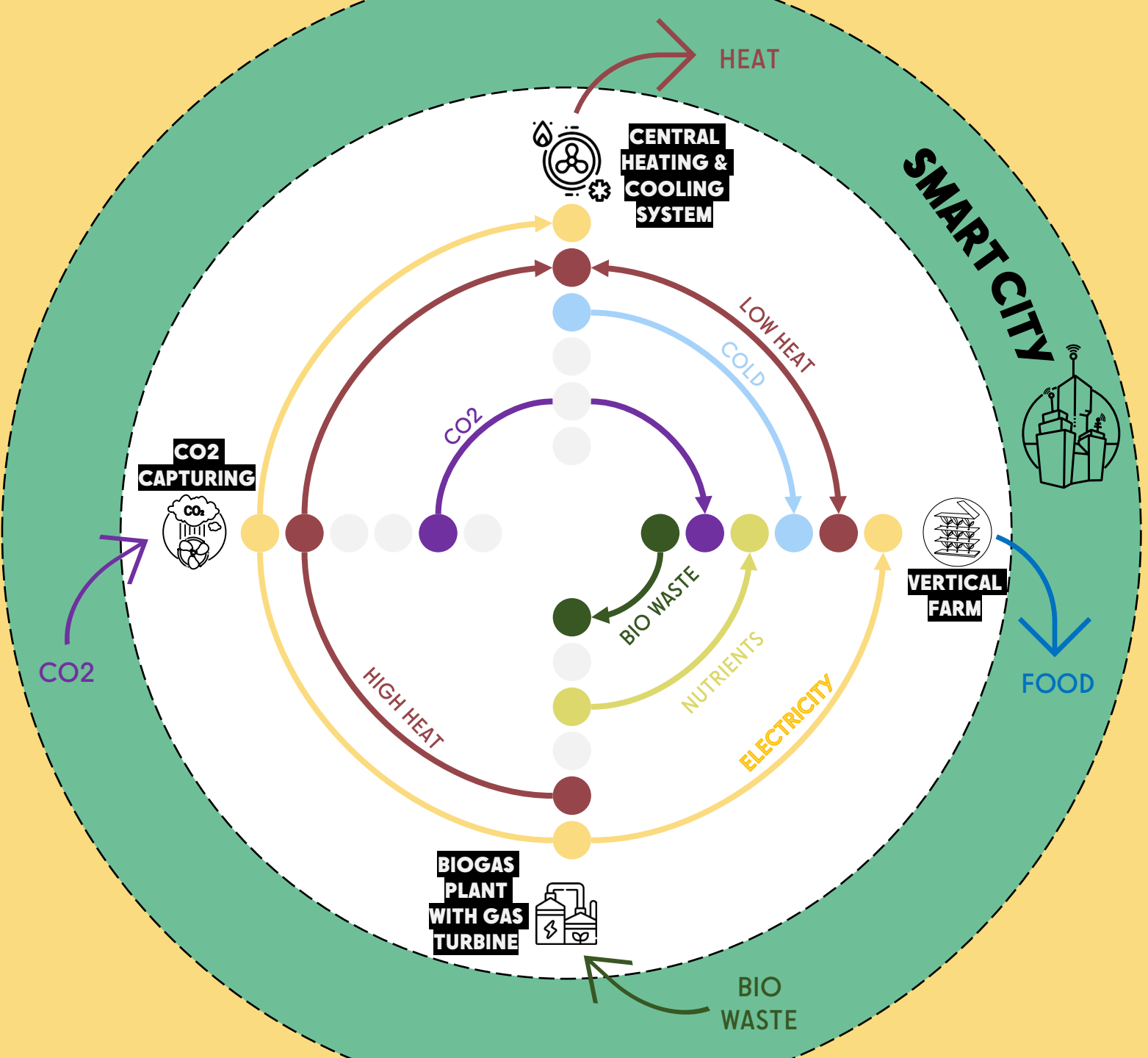
RECYCLE ORGANIC WASTE

As a source for clean energy and nutrients

REUSE WASTE HEAT

To heat the farm and feed excess heat into district heating

CIRCULAR SYSTEMS IN DETAIL



UN SUSTAINABLE DEVELOPMENT GOALS



BY INTEGRATING VERTICAL FARMING WE CREATE AN IMPACT

2 ZERO HUNGER

3 GOOD HEALTH AND WELL-BEING

6 CLEAN WATER AND SANITATION

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

15 LIFE ON LAND

WE SOLVE 8 OUT OF 17 UN SDGs



DESERTS
e.g. Middle East



ISLANDS
e.g. Mauritius

YASAI EMPOWERS EVERYONE TO



CITIES
e.g. Singapore

GROW MORE WITH LESS



MOUNTAINS
e.g. Swiss Alps



YASAI

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Thank you!

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