



# COCOON Planting Technology in Arid and Degraded Land

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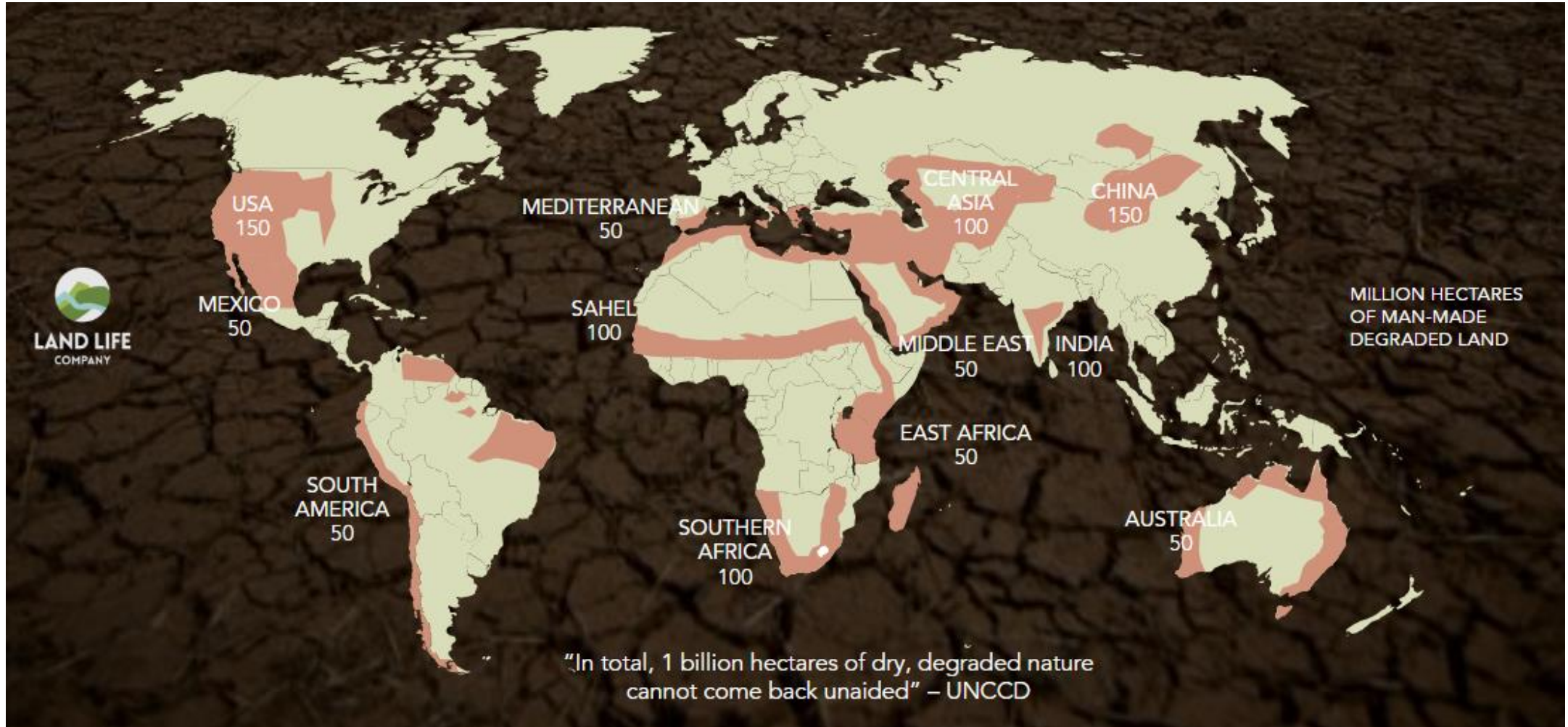
Land Mark Hotel, Amman

13 November, 2018

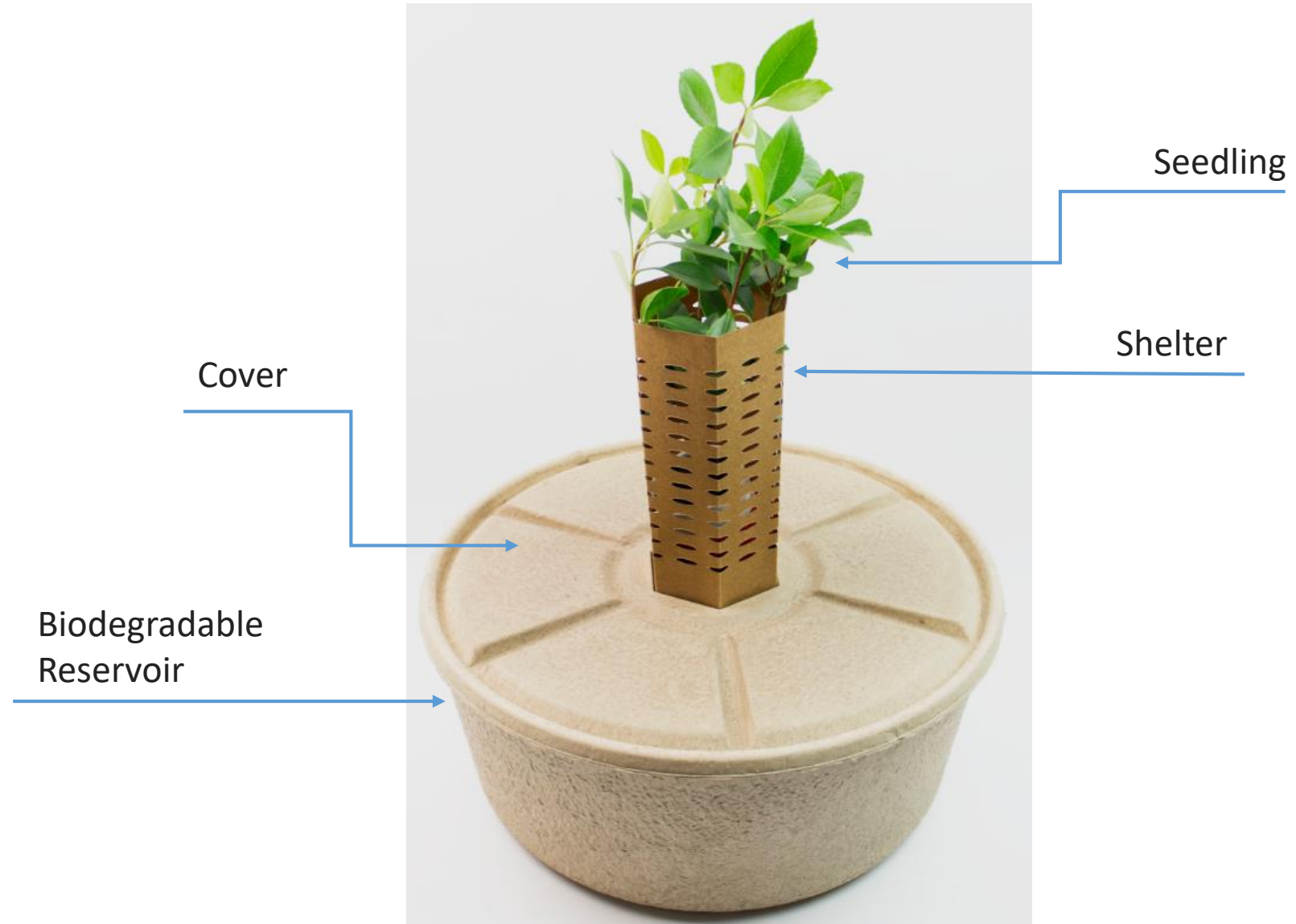
# Environmental challenges in the region

- Degraded and fragile natural ecosystems.
- It is one of the most water-scarce regions in the world.
- Land degradation and desertification.
- Political situation in MENA countries, has affected negatively the natural resources such as land and water.

**“The MENA region has 6% of the global population but only 1% of freshwater resources”**

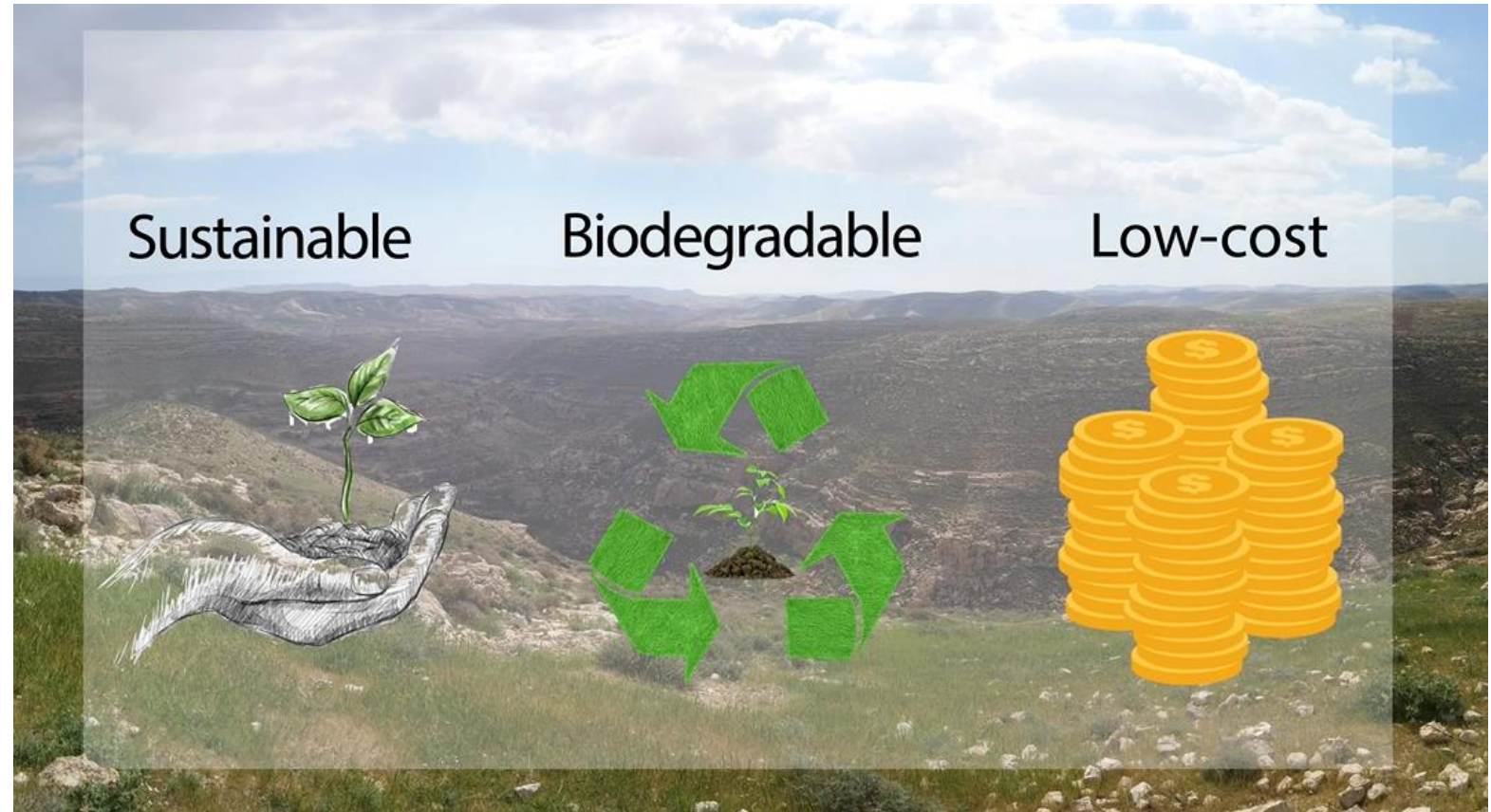


# What is Cocoon?!



# Benefits of Cocoon

- Restore land
- Reduce water consumption for agriculture
- No follow-up irrigation.
- Increases the survival rates of young seedlings by an average of 75-95 %
- Reduce air pollution by capturing CO<sub>2</sub>.
- Increase land value



# Pilot Project: COCOON Planting Technology in Palestine

“Replant olive and other trees on degraded Palestinian land”



- General aim: planting technology as a model to enable the growing of olive and almond trees in arid conditions in West Bank and Gaza Strip.
- The objective of the Cocoon-project as introducing knowledge and innovative ideas to the region.
- In Partnership with :



# Aims of the project

- Replant trees in degraded Palestinian land.
- Support farmers and their families by creating job opportunities.
- Encourage Palestinian universities to conduct scientific research.
- Protect and preserve the environment.
- Tangible ecological benefits will include: shade, dust mitigation, windbreaks and soil improvement.





- In 2016, 600 trees in the West Bank and 300 trees in the Gaza Strip were planted using COCOON.
- In 2017, we are aiming to plant 3,000 trees in the West Bank and the Gaza Strip by end of 2018.



## **Future vision**

To overcome the environmental challenges in MENA, such as desertification, droughts, soil degradation, and water stress, MENAQUA aims to bring COCOON to all MENA countries.

## **What we are looking for?**

Private and public companies, local and international NGOs, to create with us a greener future for MENA region.

# Thank you

**For more information**

Visit: <https://water.menaqua.com/>

Or: <http://www.landlifecompany.com/>