Improvement of Green Infrastructure in Jordan through Labor-Intensive Measures:

Public Space Appropriation: Development of Green Infrastructure in Rural Areas and the Empowerment of Women

National Workshop on “Gender Empowerment and Entrepreneurial Development in the Rural Context: The Role of Renewable Energy” for the “Regional Initiative for Promoting Small-Scale Renewable Energy Applications in rural areas of the Arab Region (REGEND)”

Amman, Jordan – 20-21 November 2019
What is energy?

• a fundamental entity of nature that is transferred between parts of a system in the production of **physical change within the system** and usually regarded as the **capacity for doing work** (Marriam Webster Dictionary)
Top 5 receiving countries (absolute number)

- Turkey (3.7 million)
- Pakistan (1.4 million)
- Uganda (1.2 million)
- Sudan (1.1 million)
- Germany (1.1 million)

(Number of received refugees in relation to the total population, 2018)

- Lebanon (1:6)
- Jordan (1:14)
- Turkey (1:22)

→ Jordan: 2nd highest share of refugees per capita (UNHCR 2019)

→ 84% living in urban areas, 16% living in camps
Public Space in the Context of Migration

Through spatial integration measures, the **social inclusion** of migrants in urban settings can be improved. Public spaces can play a key role in improving migrants' inclusion by acting as places for **intercultural dialogue and exchange**. Segregated areas can be opened up thanks to careful physical planning interventions.

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Municipal decision-makers need to look carefully at the informal economy in public places and **provide space** for entrepreneurship.

(UNESCO, Inclusion through Access to Public Space)
**Cash for work: Crisis response**

Immediate cash assistant through short-term employment | Cash workers

- Immediate cash assistance from short-term employment agreements
- Increase the resilience of host communities, built environment, and urban and rural surrounding
- Improves public goods, open spaces, and green infrastructure networks

**Sustainable framework: Long term impact**

- The urgent need to deal with the massive influx of refugees due to the war in Syria
- Increase the resilience of the host communities, built environment, and urban and rural surrounding
- Improvement of public goods, open spaces, and green infrastructure networks

Inclusive Approaches to Green Infrastructure

August 2019

GIZ
Improvement of Green Infrastructure in Jordan through Labor-Intensive Measures

The project provides 3000 short-term jobs: 50% Syrians and 50% Jordanians out which 20% are women.

Activities: rehabilitation and management of public open spaces; improvement and restauration of ecosystems (nature reserve development), eco-friendly agriculture.

Implementation: throughout Jordan in urban, peri-urban or rural refugee-hosting communities.
“The overall objective is to improve the diversity and resilience of our environment, to limit the effects of climate change and to capacitate the daily living environment for its inhabitants.”

(German Association of Landscape Architects on Green Infrastructure)
Project activities in rural areas

→ Ecosystem rehabilitation: activities in nature reserves and special conservation areas

7 nature reserves, 1 special conservation area
Project activities in rural areas

→ Agriculture and community

5 locations (centers of the National Agricultural Research Center)
Maru, Khaldeyeh, Baqaa, Mafraq, Deir Alla
Project activities in urban areas

→ Improvement of Public space

14 locations across 4 governorates
The project in numbers (August 2019):

**Planted trees:**
12,553

**Planted shrubs/perennials:**
2,889

**Raised seedlings:**
43,958

1,793 workers (1,004 Jordanians, 789 Syrians, 24% women) employed
1,377 workers (763 Jordanians, 614 Syrians, 28% women) finished 40 days of work
1,422 workers (100%) (746 Jordanians, 676 Syrians, 27% women) trained

72 on-the-job and specialised trainings conducted
16 community events conducted

Dunums of land rehabilitated/maintained: 307.8
Kms of trails created/rehabilitated/maintained: 23.5
The Case of Qwierah and Humayma
Park Rehabilitation Qweirah
Community Participation and Skills Assessment
Applying traditional skills with local materials
A safe space for women and children
The female maintenance committee
Park Reconstruction in Humayma
Mosaic Workshop
Wall Design
Achievements:

women participation in the project is more than 40%

the places are unique and respond to the context

the parks ARE places

women have taken a responsibility in the municipality

the parks are clean

the parks are respected as safe places by the entire community

the children have a place to go

the women have acquired new skills

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THANK YOU!
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