



- linking the North Karelia with Middle East



TOWARDS
LOW-CARBON
FUTURE



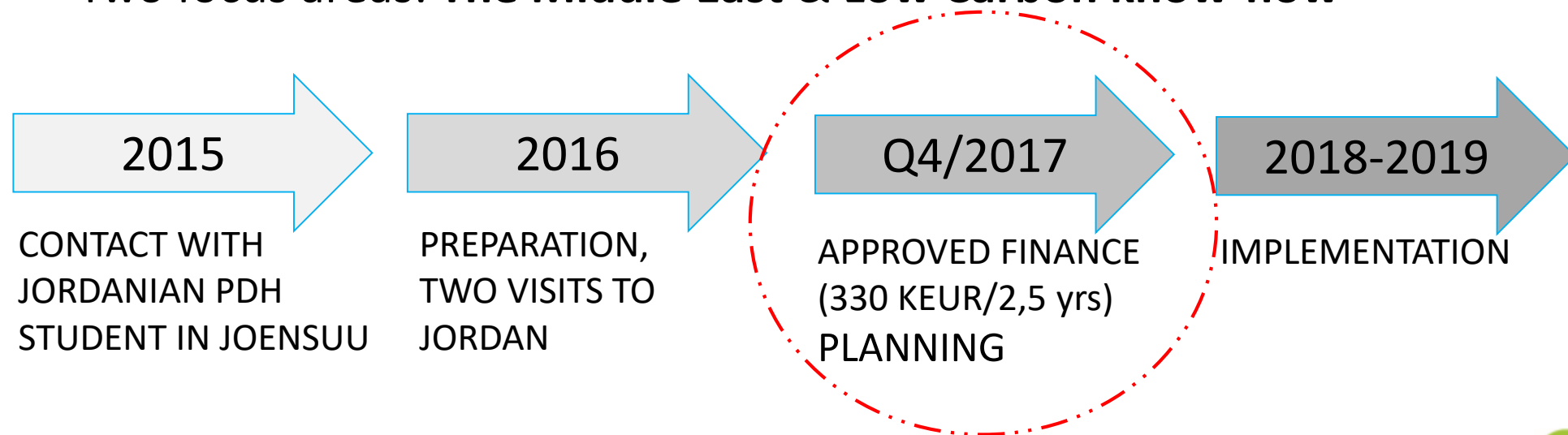
Leverage from
the EU
2014–2020



finpetra.karelia.fi

WHAT IS FINPETRA?

- Project to promote export activities from North Karelia to Middle East
- How? By utilizing higher institution networks to benefit business life
- Why? Strengthen the skills for companies and other organisations, link right people with each others
- Two focus areas: **The Middle East & Low Carbon know-how**



THE HASMEMITE KINGDOM OF JORDAN

Area
90,000 Km²

Population
9.8 million

Adult literacy rate
98%



Per capita 4087USD

Unemployment rate
18.3 %

Lack of own energy
resources, e.g. oil



Leverage from
the EU
2014–2020



finpetra.karelia.fi

MASSIVE MIGRATION FLOWS TO JORDAN

UPDATE: AL ZAATARI REFUGEE CAMP, MAFRAQ GOVERNORATE, JORDAN

Analysis with Pleiades Data Acquired 12 October 2015 & Pleiades Data Acquired 26 April 2015

This map illustrates satellite-detected shelters and other buildings at the Al Zaatari refugee camp in Mafraq Governorate, Jordan. As of 12 October 2015 a total of 26,963 shelters were detected as well as 2,130 infrastructure and support buildings within the 534.4 hectares of the camp. Between 26 April 2015 and 12 October 2015 a total of 4,310 shelters closed or were moved, and a total of 2,296 shelters were constructed, and the number of shelters has thus decreased by about 2,268 since the previous UNHCR/UNOSAT assessment. This indicates an approximate 7.76% decrease in the number of shelters between 26 April 2015 and 12 October 2015. This is a preliminary analysis and has not yet been validated in the field; structure locations subject to a spatial error margin of +/- three meters. Shelters grouped under plastic sheeting were estimated by average household size and may be a source of error. Please send ground feedback to UNHCR/UNOSAT.

Refugee Camp

Production Date:
08/12/2015

Version 1.0

Activation Number:
CE20130604SYR



- LEGEND**
- Shelter Structure (12 October 2015)
 - Shelter Structure (26 April 2015)
 - Camp Infrastructure Building
 - Total Camp Extent
 - District Boundary

Map Scale for A3: 1:10,500
0 100 200 300 400 500 Meters

Satellite Data (1): Pleiades
Imagery Date: 12 October 2015
Resolution: 50 cm
Copyright: Copyright CNES 2015 - Distribution Astrium Services / Spot Image
Source: Airbus Defence and Space
Satellite Data (2): Pleiades
Imagery Date: 26 April 2015
Resolution: 50 cm
Copyright: CNES 2015 - Distribution Astrium Services / Spot Image
Source: Airbus Defence and Space
Road Data: Google Map Maker / OSM / ESRI
Other Data: USGS, UNCS, NASA, NSA
Analysis: UNHCR / UNOSAT
Production: UNHCR / UNOSAT
Analysis conducted with ArcGIS v10.1
Coordinate System: WGS 1984 UTM Zone 37N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. UNOSAT is a program of the United Nations Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian and development agencies and their implementing partners.

This work by UNHCR/UNOSAT is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License.

unitar
United Nations Institute for Training and Research
UNOSAT
Contact Information: unosat@unitar.org
24/7 Hotline: +41 76 487 4198
www.unitar.org/unosat

80,000 people



Refugees in Jordan	Number	Source
Syrian	629,883	UNHCR
Palestine	2,097,338	UNRWA
Palestine from Syria	15,000	UNRWA
Iraqi	50,000	UNHCR
TOTAL	2,792,221	



finpetra.karelia.fi

WE ARE BUILDING THE NETWORK

20+ companies

- Biogas
- Waste management
- Solar energy
- Environmental engineering services
- Digitalization ...

Business

**Research
&
education**

Universities

- Preparing to start student traineeships for summer 2018 (1-3 students)
- Conference in 2018...

North Karelia
&
Middle East

**Public
administration**

**Civil
society /
Users**

United Nations
FAO
European Union...

Non-governmental organizations (NGOs)

- Acted
- ...



Leverage from
the EU
2014–2020



finpetra.karelia.fi



CAPACITY BUILDING FOR COMPANIES

TAILORED TRAININGS



OPEN WEBINARS

23rd January 2018, Joensuu

- UN Procurement as a possibility

Coming in 2018 - 2019

- Business environment in the Middle East
- Culture and behaviour
- Global funding sources
- Marketing and intercultural communication
- Legislation and regulations
- Environmental standards
- Tools to innovate new low-carbon products/services



finpetra.karelia.fi



FINPETRA TEAM – CONTACT US

Helena Puhakka-Tarvainen

Senior Project Manager, +358 50 430 2418, helena.puhakka-tarvainen@karelia.fi



Linked 

Janita Ylitalo

Project Specialist, +358 50 330 6704, janita.ylitalo@karelia.fi



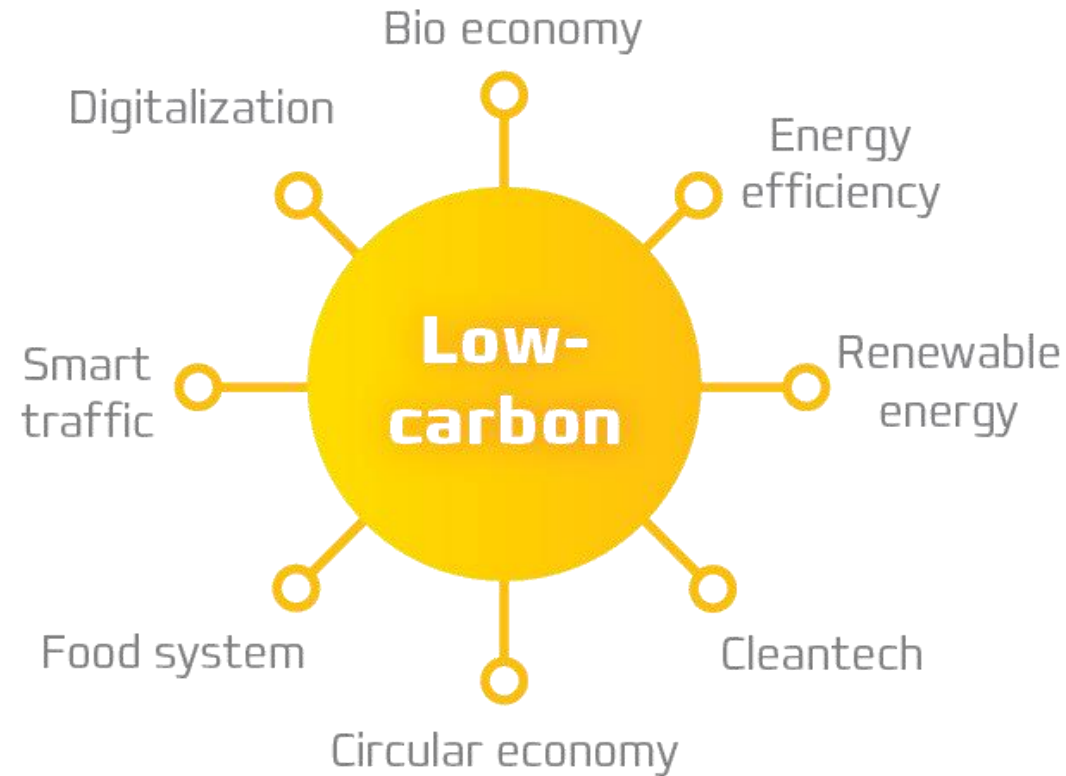
Linked 

Laith ALRahlahleh

Project Coordinator, +358 50 323 3336, laith.alrahlahleh@karelia.fi



JOIN OUR PROJECT, IF YOU WORK IN THESE AREAS AND LOOK FOR OPPORTUNITIES IN THE MIDDLE EAST:



finpetra.karelia.fi