

**BUILD\_ME**

TOWARDS A LOW-CARBON BUILDING  
SECTOR IN THE MENA REGION

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**Project presentation**

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**NAVIGANT**

# NAVIGANT

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Since 2016 Ecofys is part of Navigant

More than 35 years of experience in sustainable energy and climate

600 energy experts in more than 20 offices in Europe, USA, Middle East and Asia

We develop policies, sustainability strategies, and scenarios for companies and public sector

# TOWARDS A LOW-CARBON BUILDING SECTOR IN THE MENA REGION

## BUILD ME

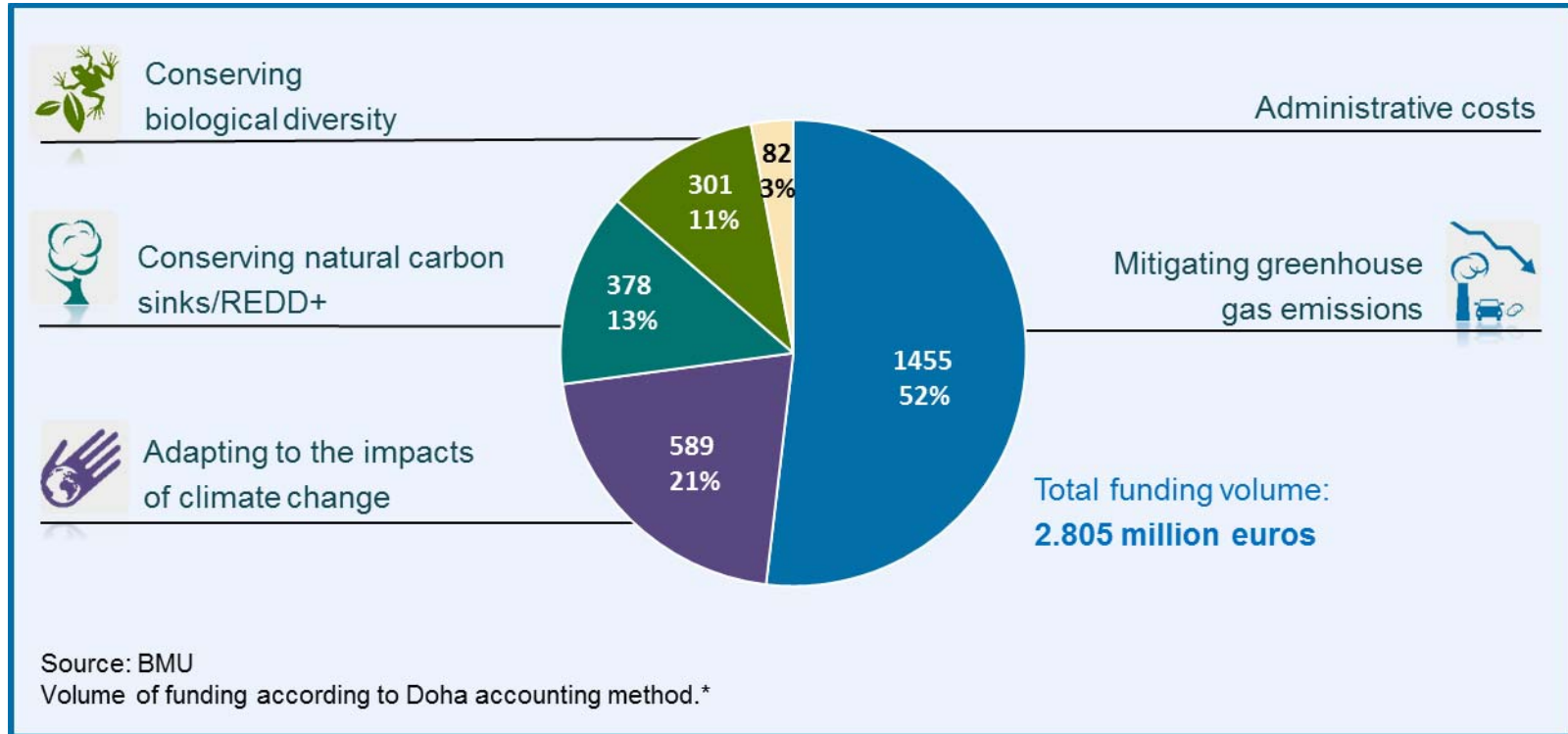
**BUILD ME – Towards a low-carbon building sector in the MENA region**

[www.buildings-mena.com](http://www.buildings-mena.com)



# FUND

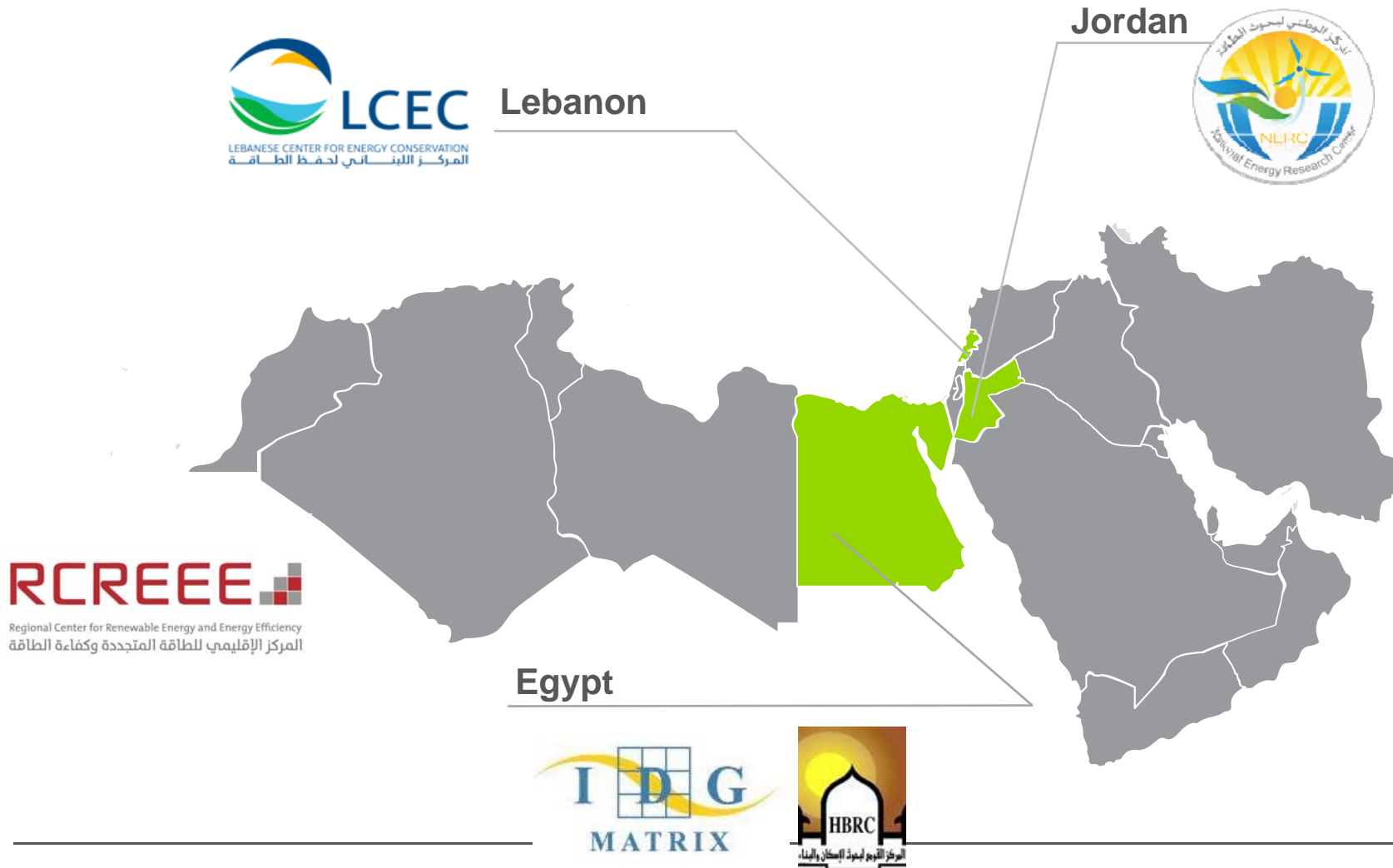
## INTERNATIONAL CLIMATE INITIATIVE (IKI)





# TOWARDS A LOW-CARBON BUILDING SECTOR IN THE MENA REGION

## PROJECT REGION & TEAM



# TOWARDS A LOW-CARBON BUILDING SECTOR IN THE MENA REGION

## RESULTS



### PILOT PROJECTS

- 6 pilot projects
- Low cost packages are able to save in average 30% of energy costs.
- „nZEB variants“ save up to 80-100% energy costs, at max. additional costs of 10%.



### STAKEHOLDER ANALYSIS & POLICY RECOMMENDATIONS

- > 150 stakeholder interviews
- ~ 4000 participants of market analysis
- Policy recommendations



### DISSEMINATION & CAPACITY BUILDING

- Workshops and roundtables
- Technical trainings
- Regional workshop in Beirut

# TOWARDS A LOW-CARBON BUILDING SECTOR IN THE MENA REGION

## CONCLUDING KEY RECOMMENDATIONS

- **Building codes could have higher impact on energy performance of buildings**
  - Energy efficiency code for heating and cooling, mandatory
  - Definition of reference values for buildings
- **Improved enforcement and monitoring**
  - Enforcement of compliance with building codes
  - Incentives for more energy efficient buildings
- **Better access to finance**
  - Digitalization of approval processes
  - Certifications system needed to approve finance (EBRD)
- **Capacity building**
  - Training of project developers and bankers

# BUILD\_ME SCOPE



## First Phase

2016 - 2018

- Extensive analysis and research
- Identification of barriers
- Recommendations



## Second Phase

2019 - 2021

- Implementation of recommendations
- Dissemination of results
- Upscaling and consistency





# BUILD\_ME PROJECT TEAM

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**BUILD\_ME**  
WORK PACKAGES

**WP1: Preparatory steps for implementation**

**WP2: Pilot projects**

**WP3: Accelerating  
implementation**

**WP4: Capacity building and dissemination**

# BUILD\_ME

## ACTIVITES

### Preparatory steps

- **Software tool** for calculating energy performance and cost-effectiveness of building efficiency measures
- Compilation of relevant **reference buildings**
- Definition of building **baselines** and **energy benchmarks**

### Pilot projects

- **Technical assistance** and test of new certification system
- Support the application for **funding**

### Accelerating implementation

- Gap analysis and improvement of **building codes**
- Concept for energy related voluntary **building classification scheme**
- Update **NDCs and strategies** for energy efficiency in buildings

### Capacity building and dissemination

- Website incl. **online database** for building demonstration projects
- National and regional **workshops**
- **Trainings & Webinars** for bankers and project developers

## BUILD\_ME

### INTENDED KEY OUTCOMES

- **Baseline** and **benchmarks** of energy performance are defined
- “Robust” **software tool** developed, applied and disseminated

- Technical and economical **feasibility** of energy efficiency measures is demonstrated with the help of pilot projects

- **Access to financing** for EE in buildings is increased
- **Political framework** including tailored strategies for EE in buildings is improved

- Public **awareness** for climate relevant issues is raised
- Relevant stakeholders are **trained** on energy efficiency and the integration of renewables

# YOUR CONTACT

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