



## LACR3E – Project indicators

## What activities can we talk about today?

- Activities **without** input by the project LACR3E
- Activities **with** input by the project LACR3E
  
- But: Activities **WITH** input by the project **need to be in line with the project indicators**

# Quality Infrastructure for Energy Efficiency and Renewable Energy in Latin America and the Caribbean

- Duration: 2016-2020
- German contribution: 3 Mio €



# LACR3E - Thematic components

## Renewable Energies

Solar Water Heaters / PV



## Transmission & Distribution

(Smart) Grids / Meters



## Energy Efficiency

Refrigerators, LEDs for household use. ISO 50000



## Transversal

Awareness Building & Cooperation



# LACR3E - Subregional components

Andean region



Central America



## Project Structure

Outcome (Objective):

“The capabilities of the **regional institutions of the quality infrastructure and their national members** to supply services for energy efficiency and renewable energy sources **are strengthened**, and contribute to the implementation of national and regional energy policies and programmes”



Output

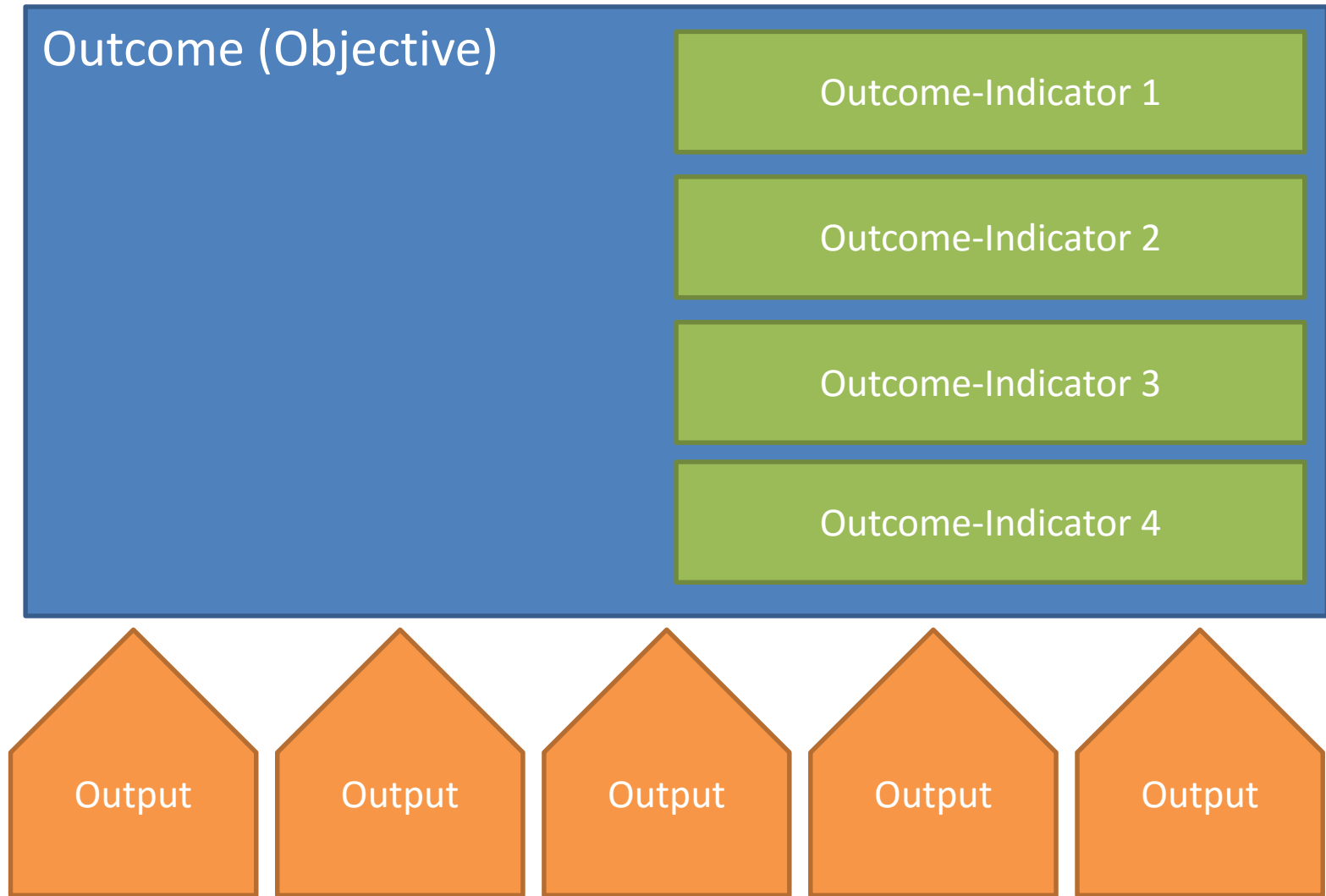
Output

Output

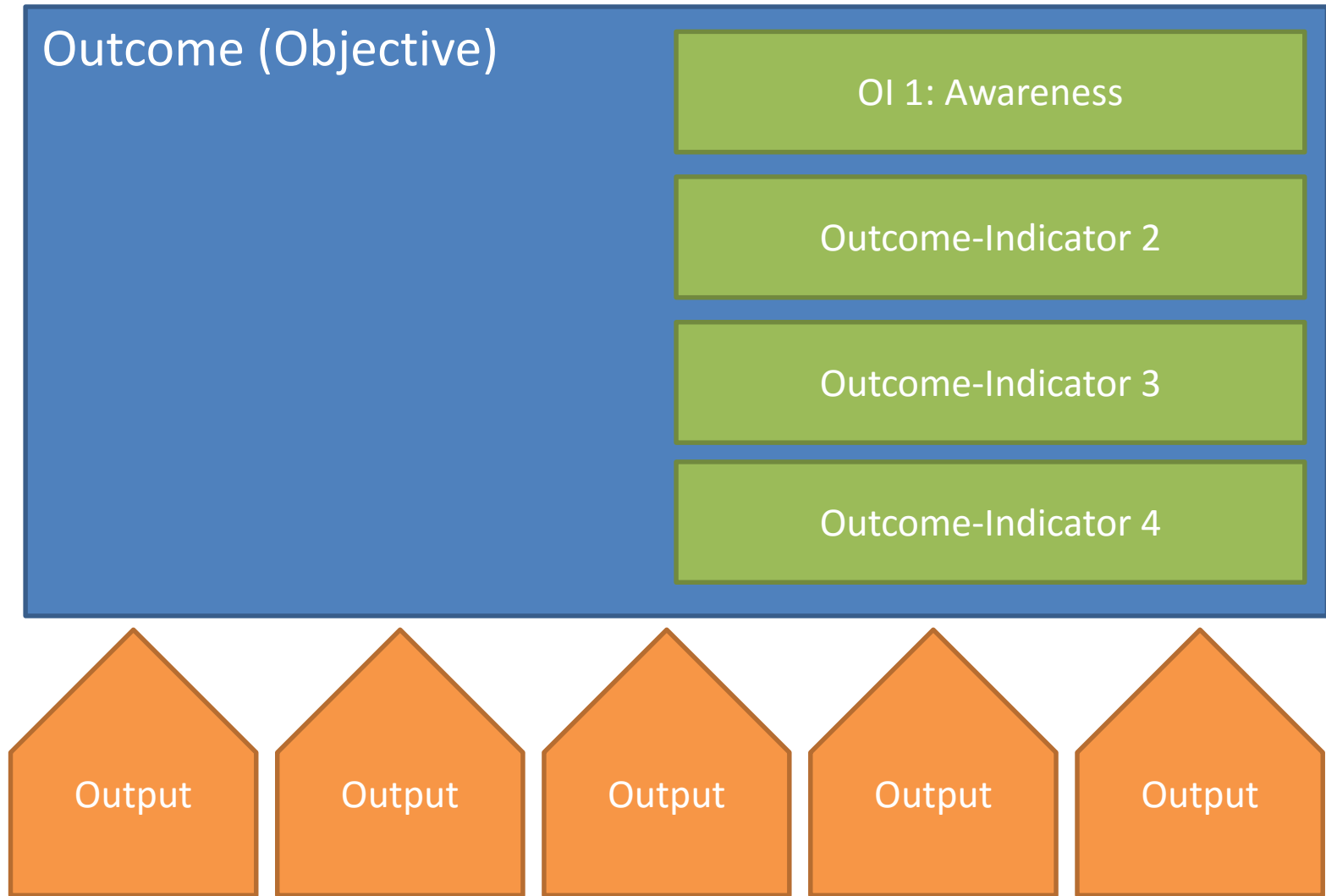
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## Project Structure

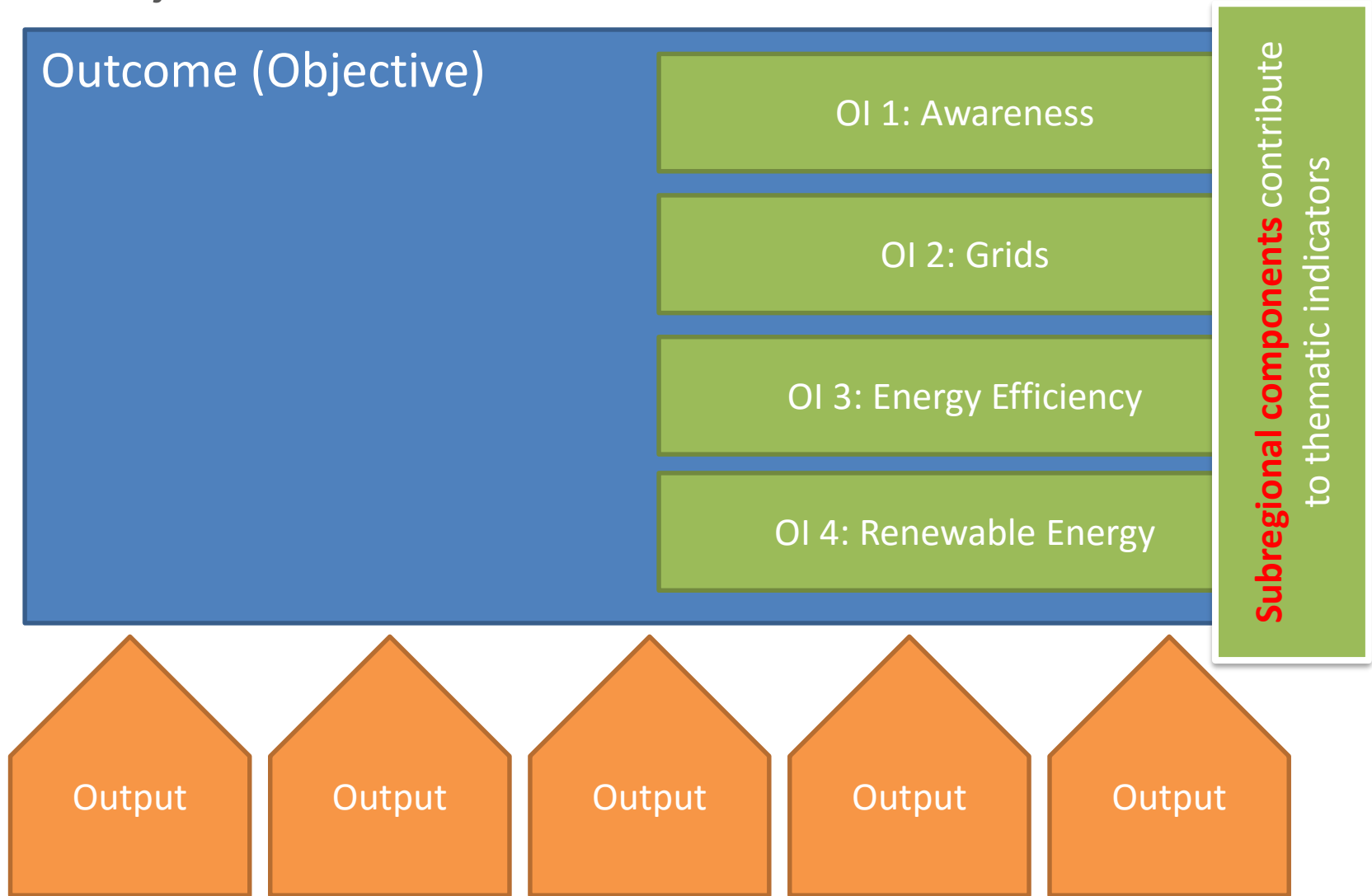


## Project Structure

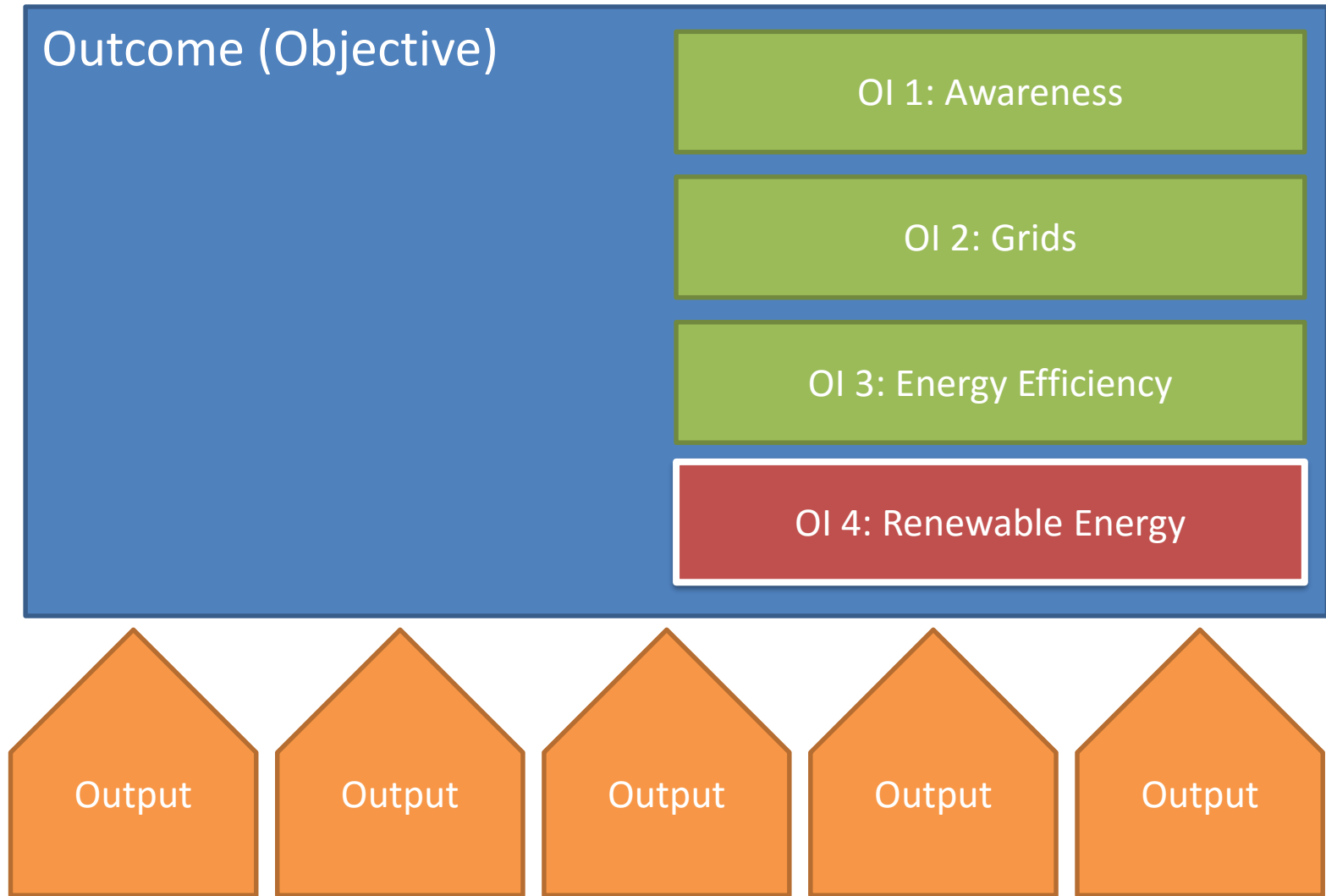




## Project Structure



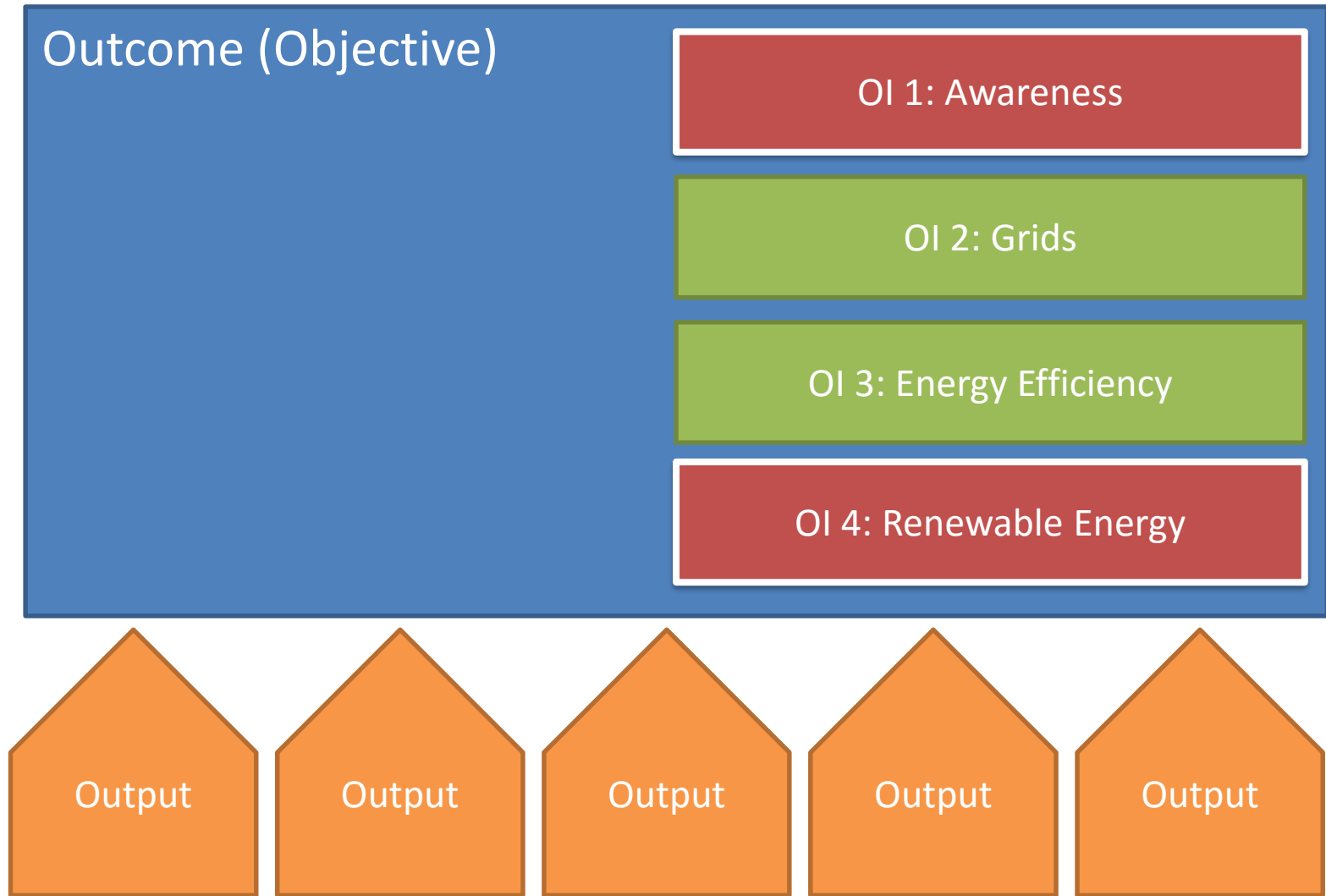
## Project Structure



## Outcome indicator 4 (Renewable Energy)

- In 8 countries, additional internationally recognizable QI services (e.g. calibrations, testing, certification) are provided for the efficient use of renewable energy facilities.
- Initial value: 0
- Target value: 8

## Project Structure



## Outcome indicator 1 (Awareness)

- At least 8 new regional, sub-regional or national energy policy documents or programmes lay down the necessity of checking the conformity of products and services with international standards.
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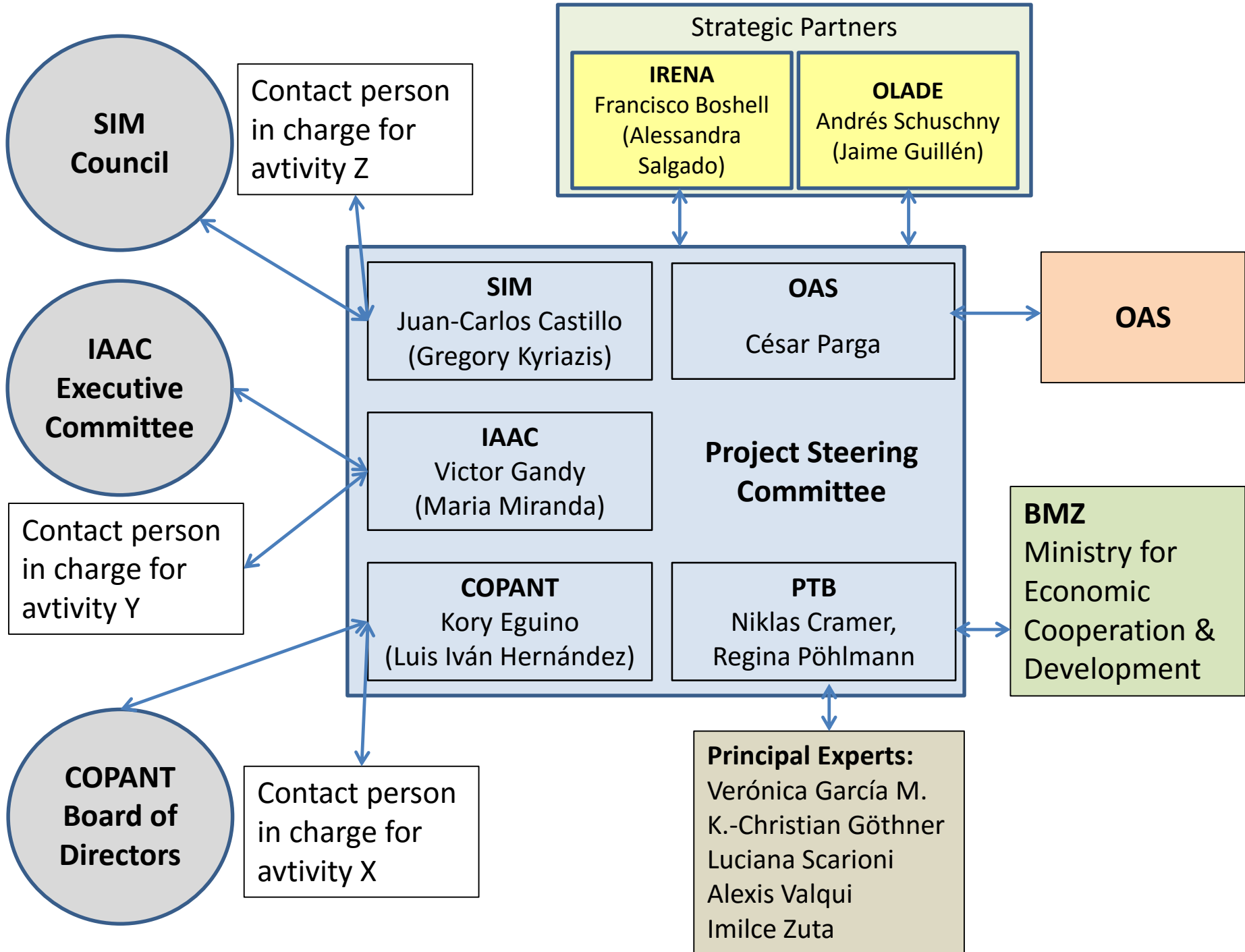
- At least 8 new regional, sub-regional or national energy policy documents or programmes lay down the necessity of checking the conformity of products and services with international standards.
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Let us know if your institution needs support in drafting those documents!

## Procedure for proposed activities

- Activity Proposals will be presented to the Project Steering Committee (PSC) in October by PTB





## Procedure for proposed activities

- Activity Proposals will be presented to the Project Steering Committee (PSC) in October by PTB
- Steering committee decides about inclusion of activities in Operational Plan
- Concept for an activity is drafted / decided upon by PSC
- Potential national partners for the inclusion of activities are contacted (contribution: logistical support, own experts, event venue, ...)

# Examples of Activities

## Dialogue Fora with QI and Policy Makers

- Like this one!

## Capacity Building

- IAAC: Trainings on accreditation of inspection bodies, product certification, ...
- SIM: Training on type approval e-meters; Metrology for energy quality
- COPANT: Support for NSBs to participate in international standardization committees (ISO CASCO, IEC)
- Conformity Assessment: Trainings, proficiency tests

## Awareness

- Impact-Studies
- Participation in regional energy fora with contributions on quality issues



Thank You Very Much For Your Attention.