



## **SE4Jobs**

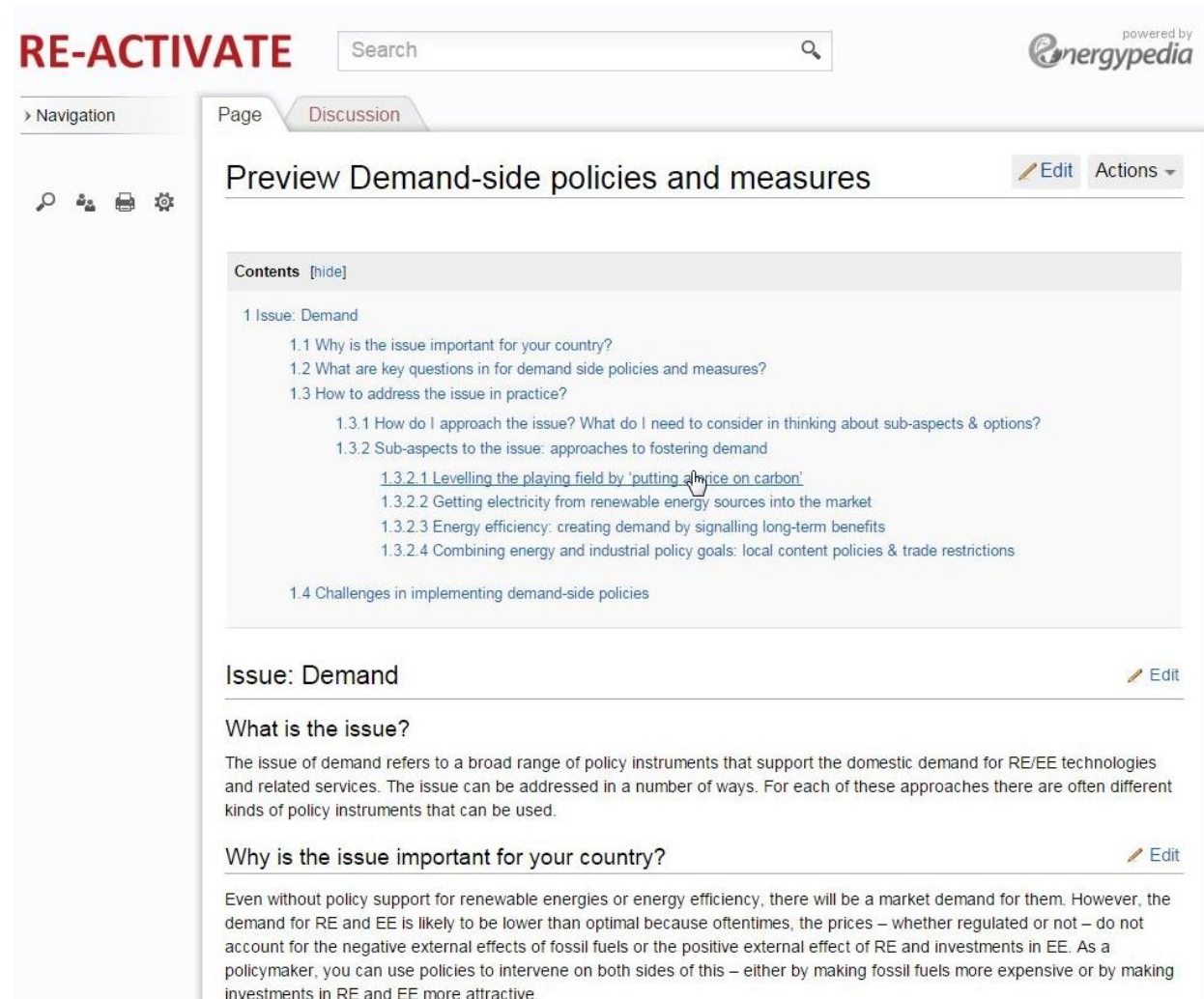
# **A Toolbox for combining RE/EE, local value and employment creation**



*Beirut Energy Forum*

*9 – 11 October 2015*


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1. Introducing the Toolbox
2. Structure of the Toolbox
3. How to use the Toolbox
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Preview Demand-side policies and measures  Actions


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**Issue: Demand** 

**What is the issue?**

The issue of demand refers to a broad range of policy instruments that support the domestic demand for RE/EE technologies and related services. The issue can be addressed in a number of ways. For each of these approaches there are often different kinds of policy instruments that can be used.

**Why is the issue important for your country?** 

Even without policy support for renewable energies or energy efficiency, there will be a market demand for them. However, the demand for RE and EE is likely to be lower than optimal because oftentimes, the prices – whether regulated or not – do not account for the negative external effects of fossil fuels or the positive external effect of RE and investments in EE. As a policymaker, you can use policies to intervene on both sides of this – either by making fossil fuels more expensive or by making investments in RE and EE more attractive.

**a. Objective:**

To support *policy-making processes* to create local value and employment

**b. How it was developed:**

Identification of international & MENA region *good practices*,

+ their analysis & disaggregation to develop a common analytical framework

= Resulting in the development of the overarching structure

**c. User groups:**

Regional and national *policy-makers* and *GIZ projects* teams, both at headquarters and in the country offices.

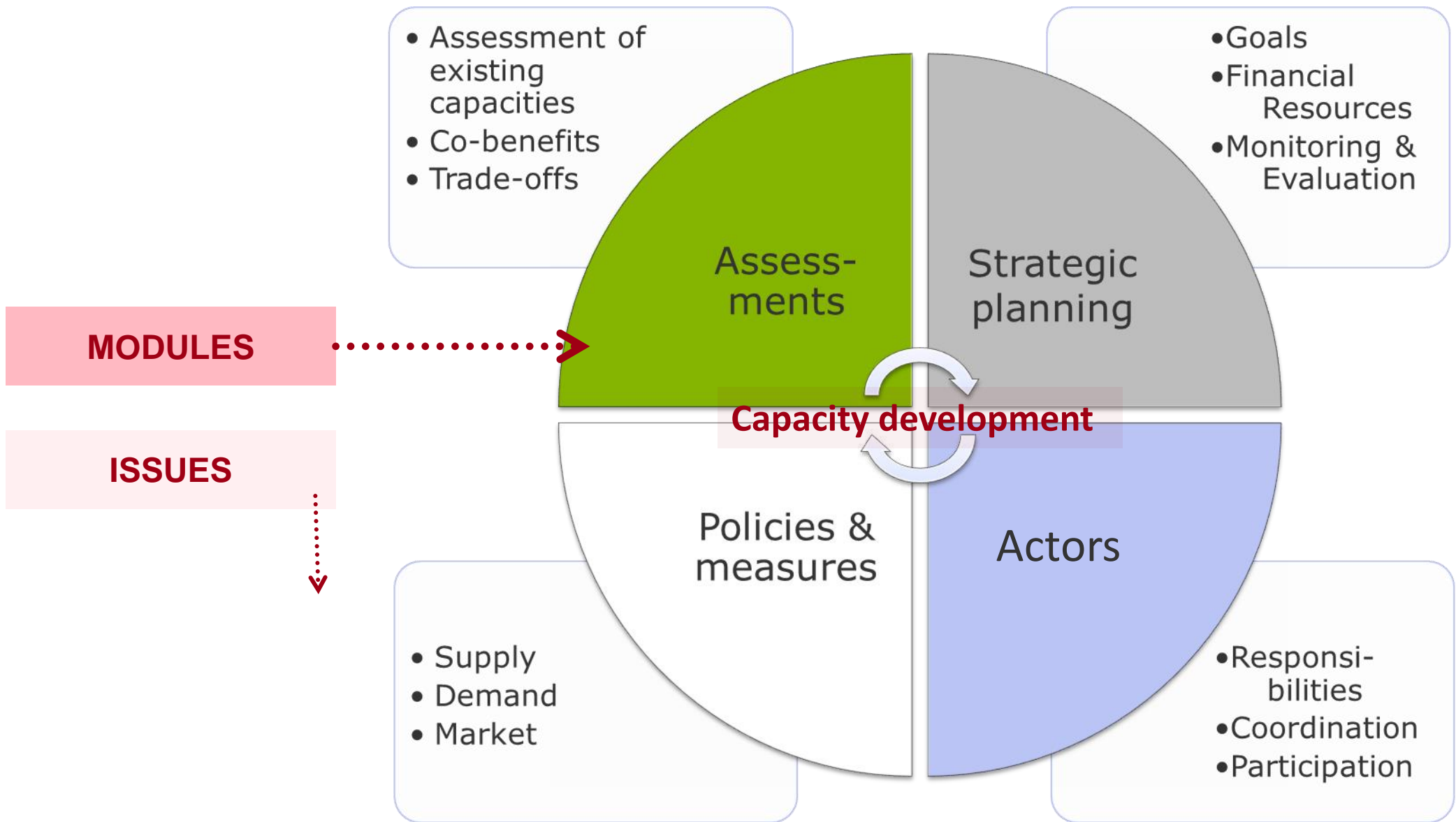
**d. Format:**

Starting point is an *online tool* that allows the user to go through the process in a targeted manner – depending on the current questions the user has.

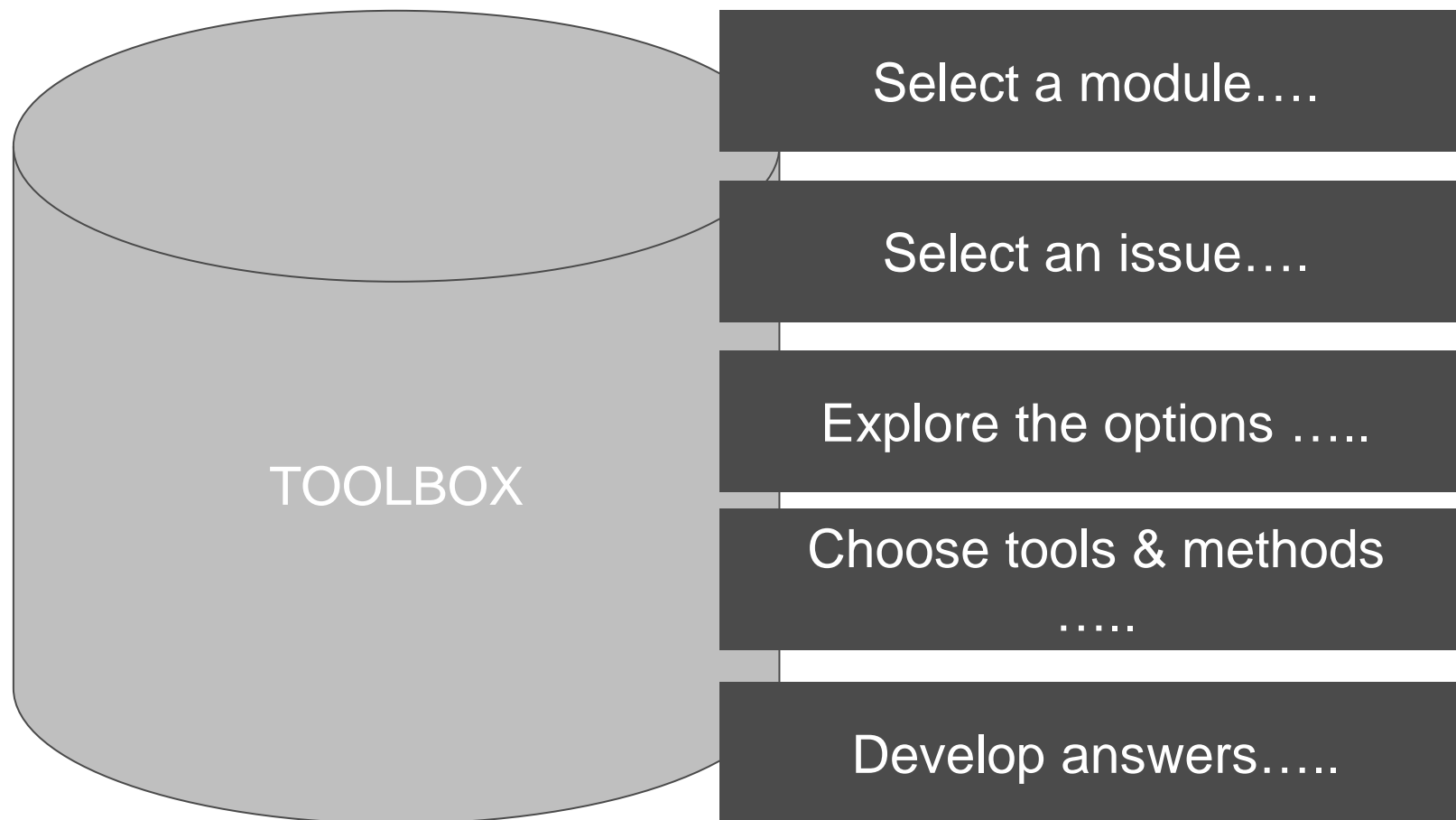
**e. Status:** available by November/December 2015

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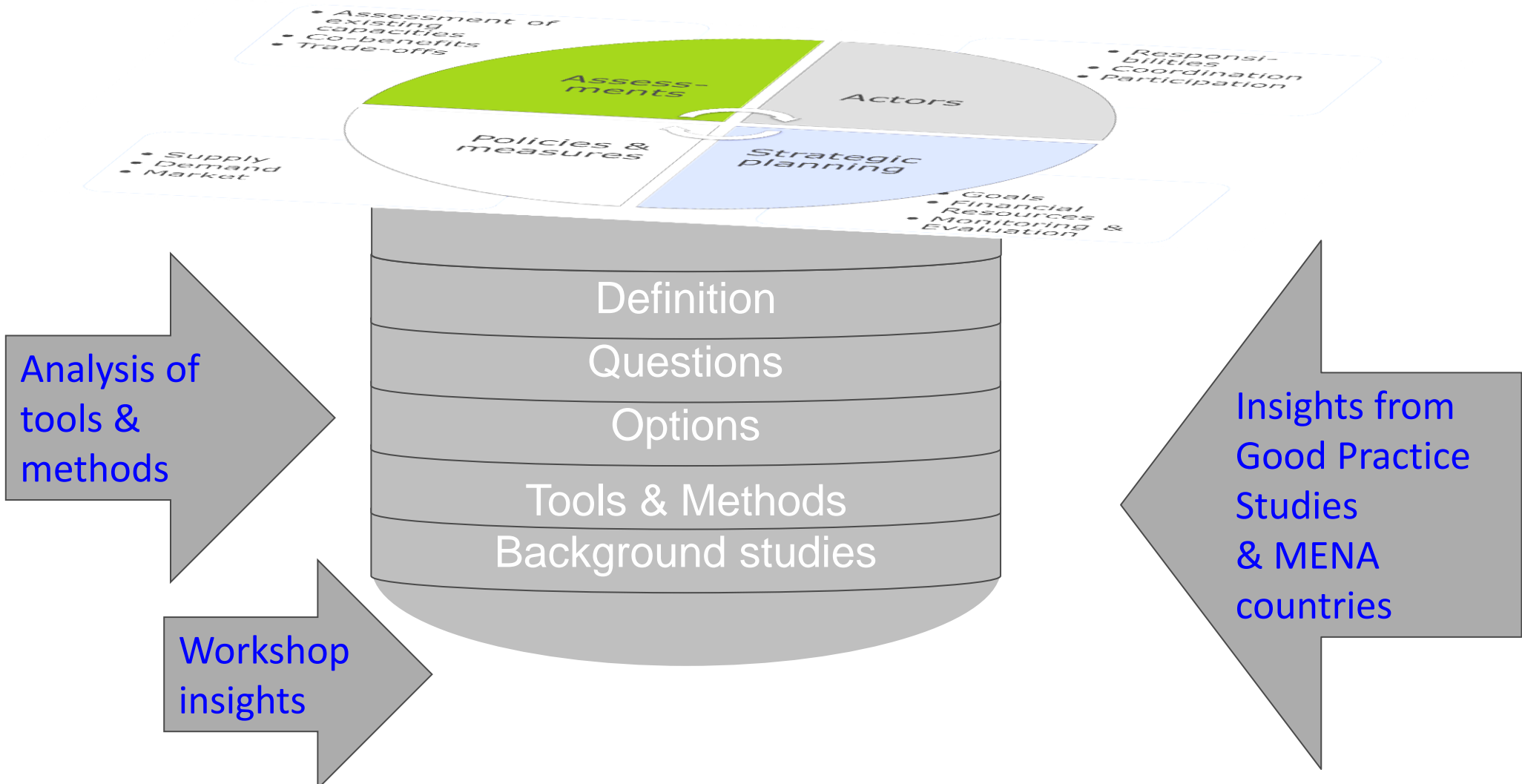
## 2. Toolbox structure



How to create local value and employment from RE/EE technologies in my country?



## 2. Toolbox structure



## 2. Toolbox structure

### Tools & Methods?

#### Sources:

Existing approaches by **GIZ Sector Projects**, such as:

Private Sector Development

Sustainable Economic Development

Employment

Other **relevant tool, toolkits**, e.g. renewable energy toolkits by

a) IRENA;

b) IEA;

c) World Bank;

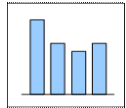
d) Worldwatch et al.;

e) EU Energy Initiative (EI) etc.



### Tools & Methods can include

- Source- and handbooks,
- Guidelines,
- Best Practice Collections,
- Analytical reports (country, sector, etc.)
- Needs Assessments,
- Checklists,
- Training Courses, E-learning, Blended learning,
- Stakeholder Dialogues, (e.g. sector-wide)



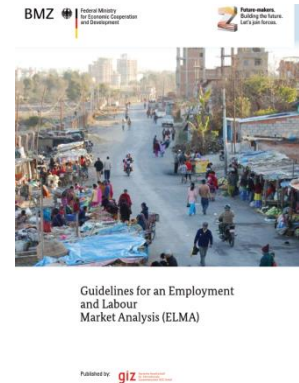


## 2. Toolbox structure

### Tool Example (I) „Employment and Labour Market Analysis“

Question?

How can we improve our understanding of employment generation potential through Sustainable Energies?



Source:

GIZ Sector Project Employment „Employment and Labour Market Analysis“ (ELMA)

Format:

Guidelines/ Methodological tool to improve understanding of country specific challenges to employment generation

Approach:

Comprehensive analysis of the labour market & employment situation and its respective underlying causes

## 2. Toolbox structure

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### Tool Example (II ), „EQUIP: Toolkit for designing structural and industry policy“

#### Question?

How can I consider my environmental and social performance as part of my industrial policy strategy?

#### Source:

„EQUIP“ by GIZ Sector Project Sustainable Economic Development (with UNIDO)

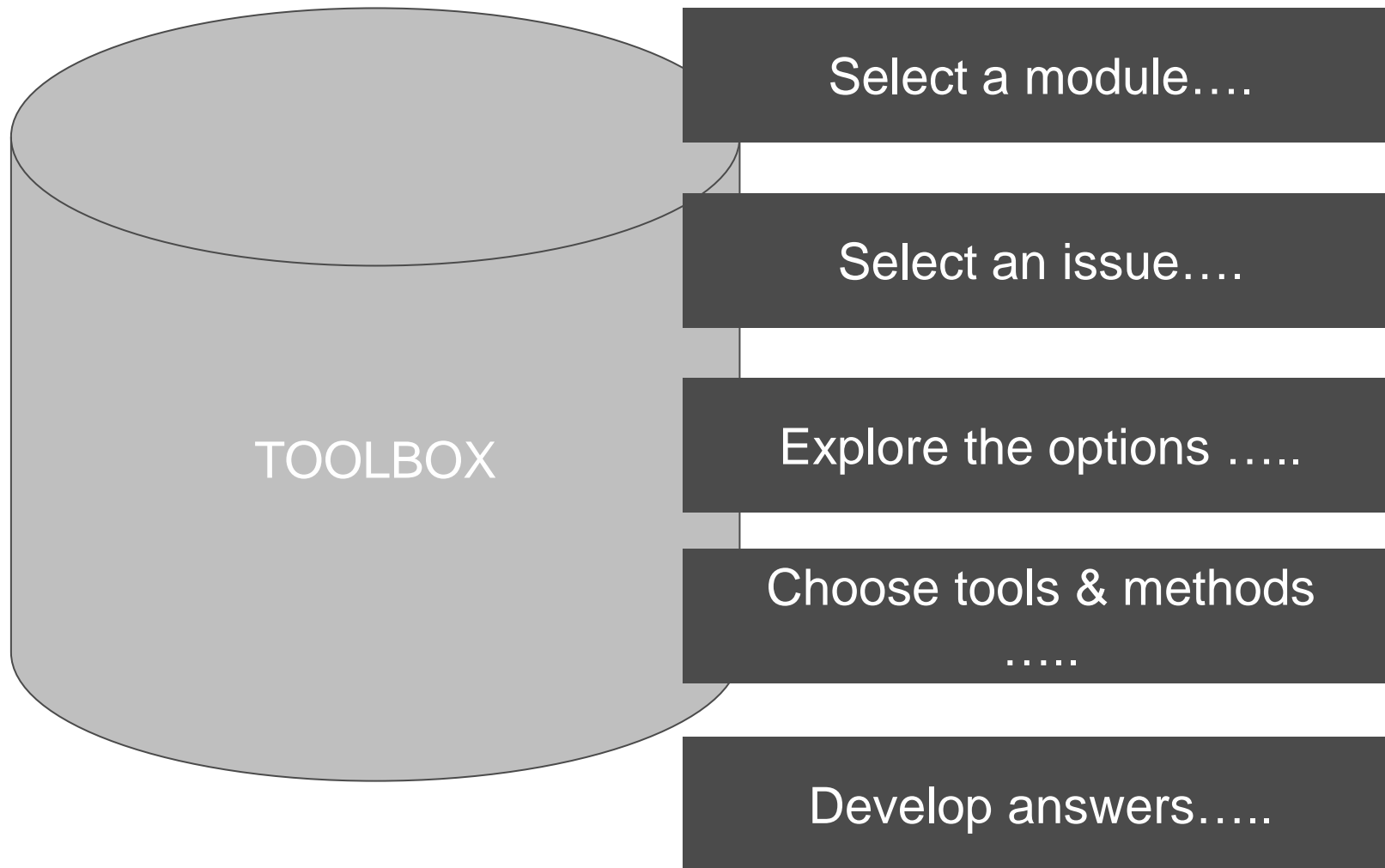
#### Format:

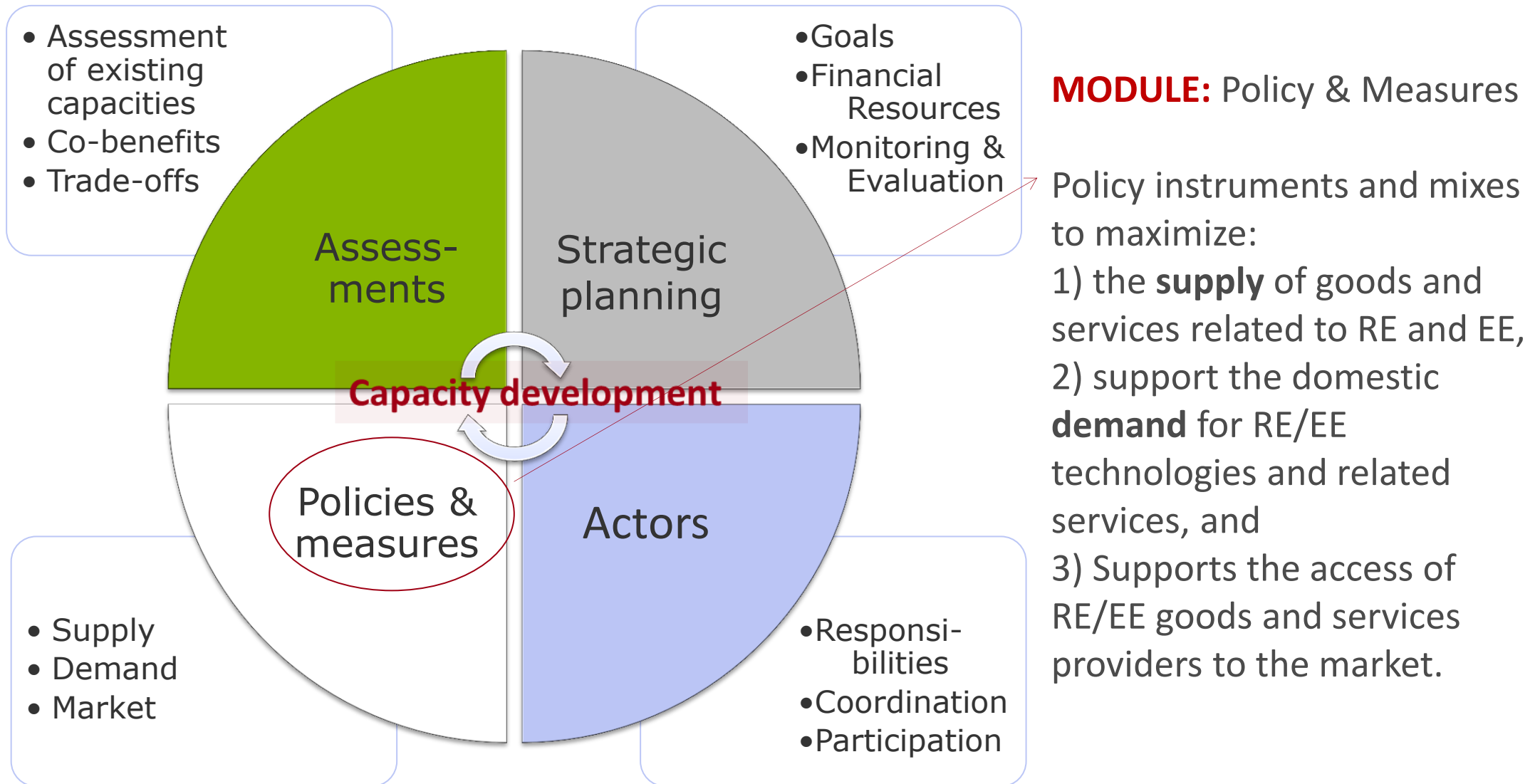
Toolkit for designing structural and industry policy (incl. indicators to assess energy performance)

#### Approach:

Mainly quantitative focus, enable decision makers to calculate potential impacts of policies & develop a strategic framework

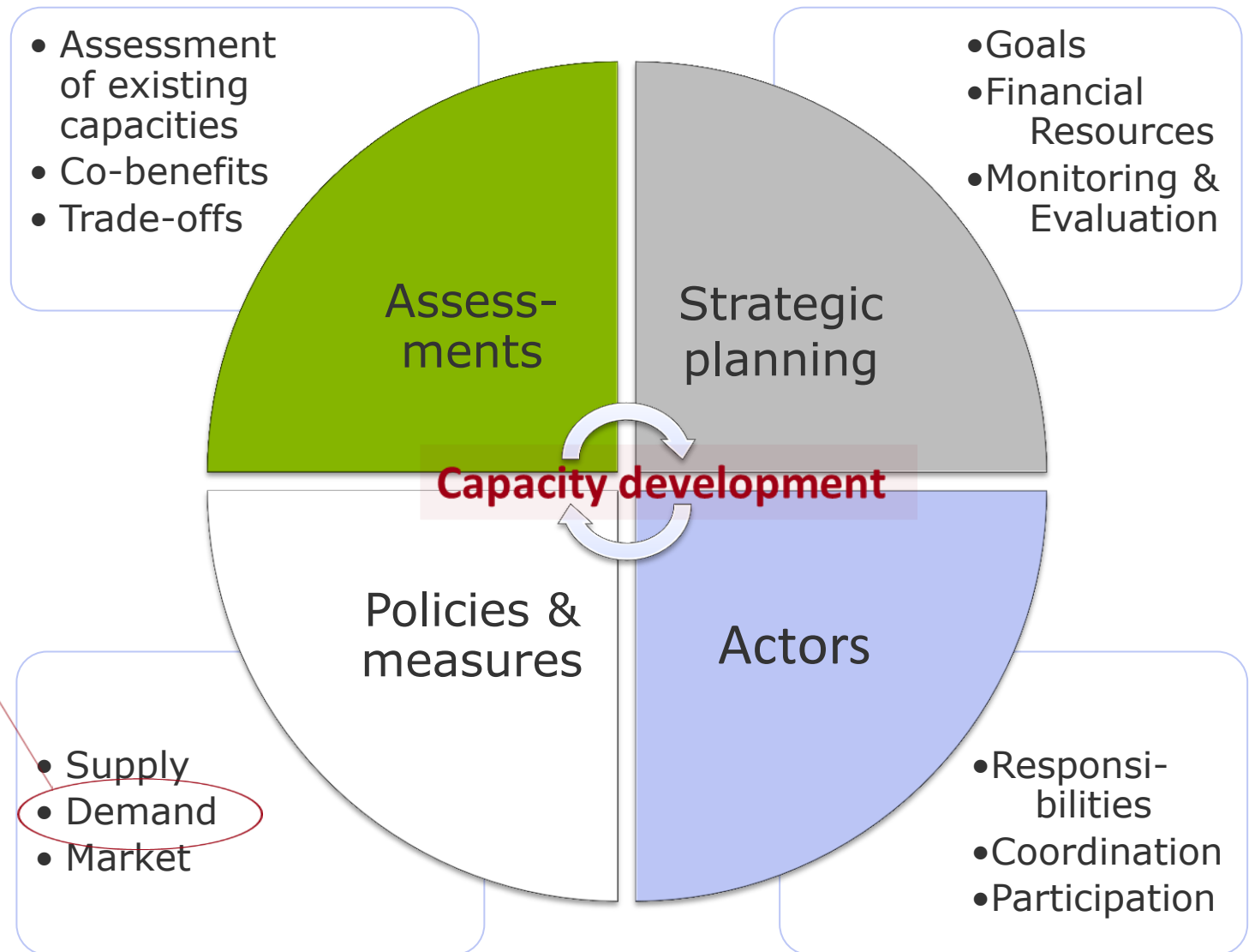
### 3. How to use the Toolbox ....





## ISSUE: Demand

The issue „demand“ looks at the **playing field** and the **business competitiveness** in the RE/EE sector and how local value creation and employment can result from it. Crucial is to ensure adequate **capacity** and **quality** throughout the value chain



**MODULE** Policies & Measures – **ISSUE** demand

→ *Some crucial questions that you could consider are:*

- 1) What kinds of **instruments** that promote local value and employment foster demand and are affordable for public finances?
- 2) How should policy instruments be mixed to **favour actual domestic value content and national employment** ?
- 3) Which **capacities should be built** in the value chain to ensure market development and business competitiveness ?

→ *Options available from the good practice analyses to support demand:*

1. Carbon tax in Mexico
2. The National Fund for Climate Change in Brazil
3. Feed-in tariffs for renewable energy in Turkey
4. Renewable Portfolio standards in Chinese provinces
5. RE capacity auctions in South Africa
6. Mexican FIDE Energy efficiency labels .....

→ *Potential entry points in the region:*

- Incentives for solar power market Tunisia
- Local value content in tendering processes Morocco
- Feed-in tariffs for renewable energy in Egypt

→ *The following publicly available tools may help you answer the questions under demand:*

- Capacity Needs Diagnostics for Renewable Energies (CADRE) (IRENA, GIZ and others)
- De-risking Renewable Energy Investment (DREI) (UNDP)
- GetFIT (Deutsche Bank with KfW and others)

→ *The toolbox will also give you a guidance on:*

- Pre-requisites and level of effort for using these tools (e.g. self-study, engaging experts etc.)
- Need for customisation
- Available case studies and background studies



## 4. Next steps:

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→ **Finalising the Toolbox (Oct'15)**

→ **Hosting a SE4Jobs Workshop in Cairo (Oct'15)**

→ **Finalising a roadmap of options for our target countries (Nov '15)**

→ **Publish the Good Practice papers (Nov '15)**

→ **Launch of all products on Energypedia & events (Dec'15)**

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# THANK YOU FOR YOUR ATTENTION

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