

Socio Economic Drivers

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An Integrated Roadmap Approach

Enerkey Project Meeting
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Tasks for Today

Collect objectives
of socio-economic drivers module

Discuss Enerkey project proposal
“socio-economic drivers”

Check for partners
and possible contributions

What is your most burning question?

(with respect to the socio economics of energy planning)

Module Tasks and Deliverables in Project Phase II

(to be discussed in project meeting in Joburg in March)

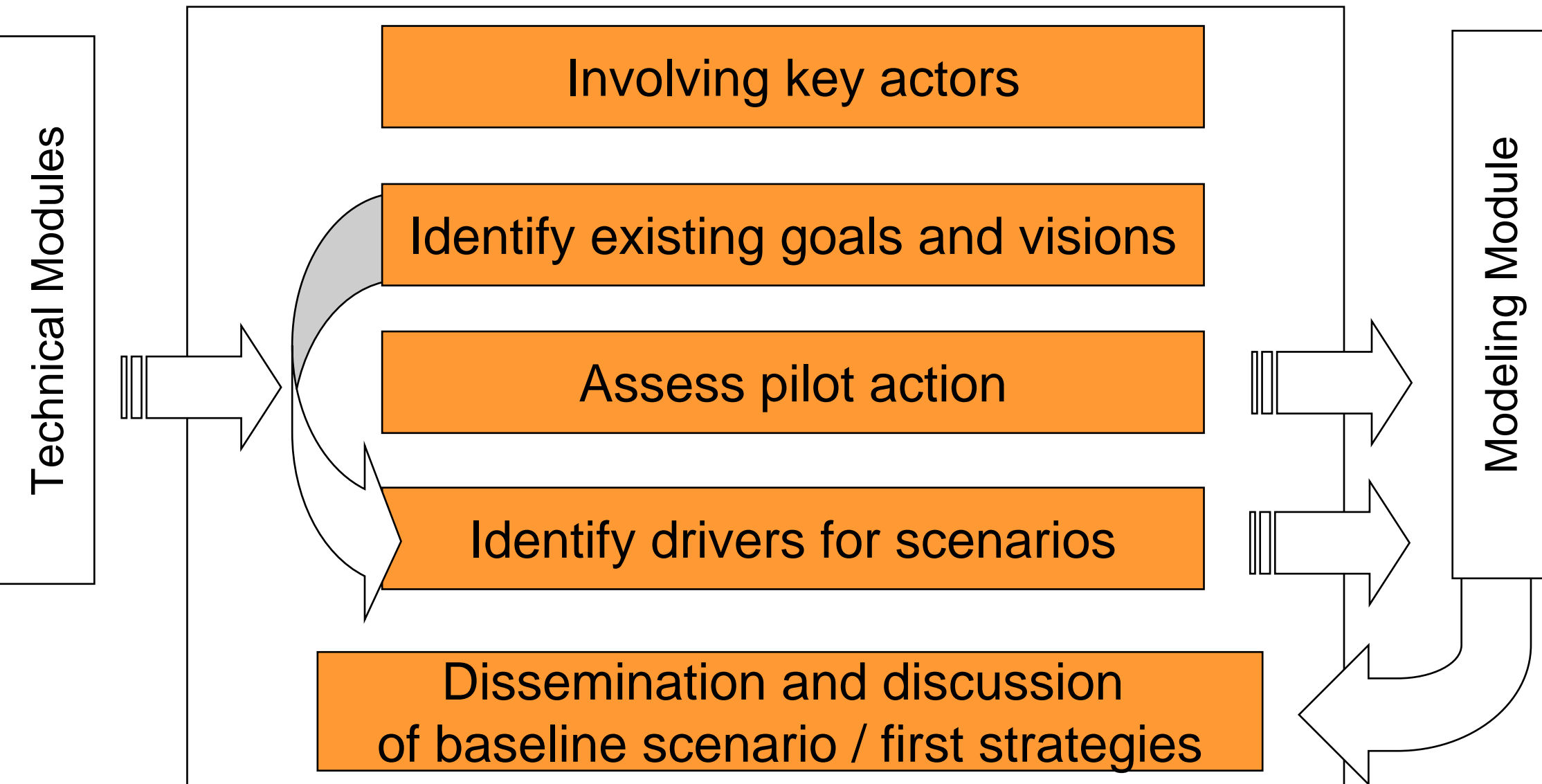
Research Areas

Tasks + deliverable

			Technical Modules			Integration Modules			
Cross cutting Modules	1) Energy supply + conv.	2) Energy use in buildings	3) Energy use in transport	4) Socio-econ. drivers	5) System modeling				
		<ol style="list-style-type: none"> 1. Inventory + energy supply balance 2. Potentials for solar warm water and cooling techn. 3. Feasibility for shift in cooking energy + technologies 4. Evaluation of security of energy supply measures 	<ol style="list-style-type: none"> 1. Cataster of typical building types 2. Data set for building types and systems 3. Implementing typ. retrofit measures Energy Conc. Adv. 4. Case study inventory for public buildings (subs. private b.) 	<ol style="list-style-type: none"> 1. Basic setup of Geo. Inf. Sys. - GIS 2. Traffic evaluation in pilot areas 3. Evaluation public transport, i. e. rapid bus system 4. Evaluation of bicycle systems 	<ol style="list-style-type: none"> 1. Actors analysis & analysis of current processes 2. Stakeholder involvement: setting themes + workshop series 3. Identification + selection of scenario drivers 4. Assess "upscaleability" of pilots (e.g. acceptance) 	<ol style="list-style-type: none"> 1. Data base setup and data handling 2. Basic Model and RES setup 3. Implementation of typ. measures 4. Baseline scenar 			
	Infrastructure development	<ul style="list-style-type: none"> • Basis setup of geogr. Info. System – GIS; data requirement, settlement typology, etc. 							
	Environmental evaluation	<ul style="list-style-type: none"> • Setup of emission and GHG inventory (supply, buildings + traffic) 							
	Communication + transfer	<ul style="list-style-type: none"> • training courses (building energy, supply technologies, CDM, model), seminar, workshops 							



Socio-economic drivers - an integrated roadmap approach



Integrated socio-economic roadmapping

How:

Methodological approach:

A series of thematic workshops
to involve different key stakeholders
of the Gauteng region

Who:

A continuous core group

“The Gauteng Enerkey Working Group”

Broad advisory and implementation network

experts, stakeholders and decision makers

Involving key actors – The Gauteng EnerKey Working Group

Aim: Anchoring the process, both to:

- integrate viewpoints of different stakeholders
- feed Enerkey results into ongoing actions and processes

Members: A “working-level” body, with:

- 3 Representatives of each City:
administration, private enterprises, civil society
- 2 Representatives for the Gauteng region
- Selected members of EnerKey research team

Phase 1

Identify Goals and Visions

Building the
Gauteng EnerKey Working Group
Identify Stakeholders, Lobbying

Inauguration Session

Working group session
„Vision 2020“

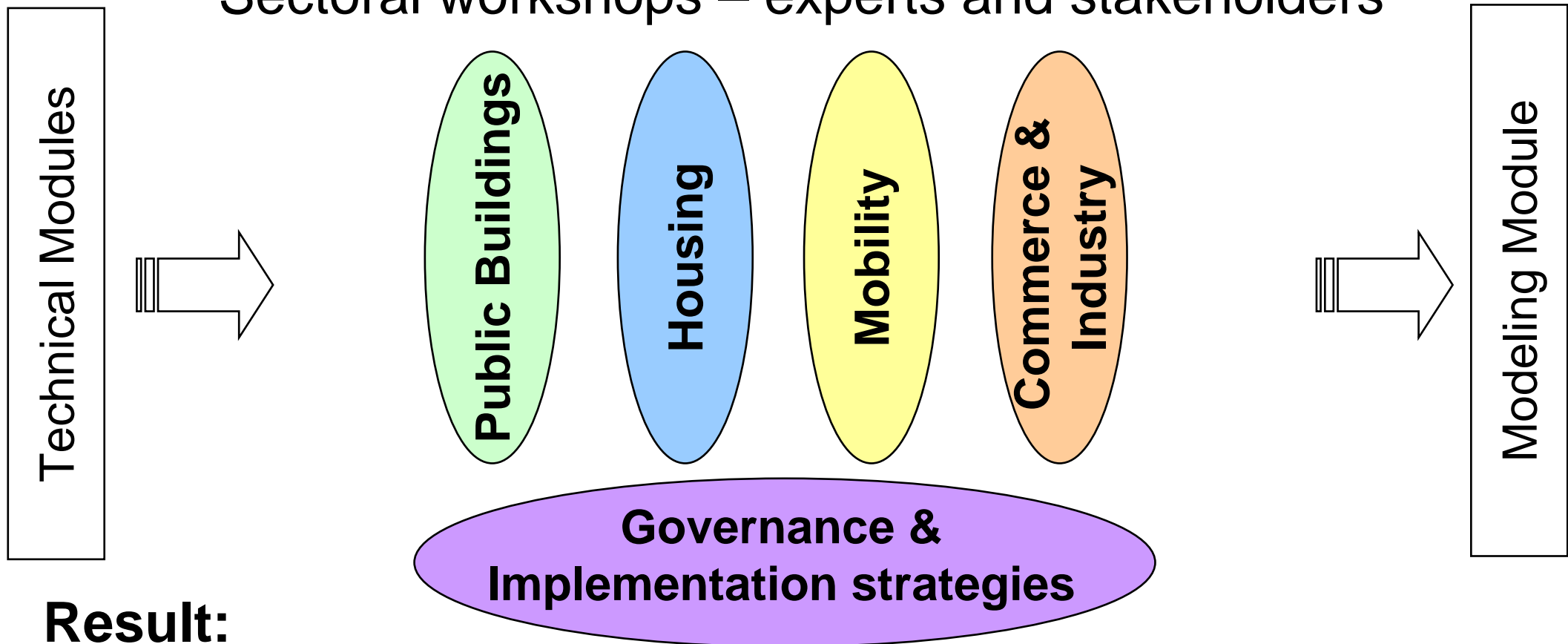
Result:

⇒ **Long term goals and social visions**
connected to energy in the Gauteng region

Phase 2

Assess Pilot Actions

Sectoral workshops – experts and stakeholders

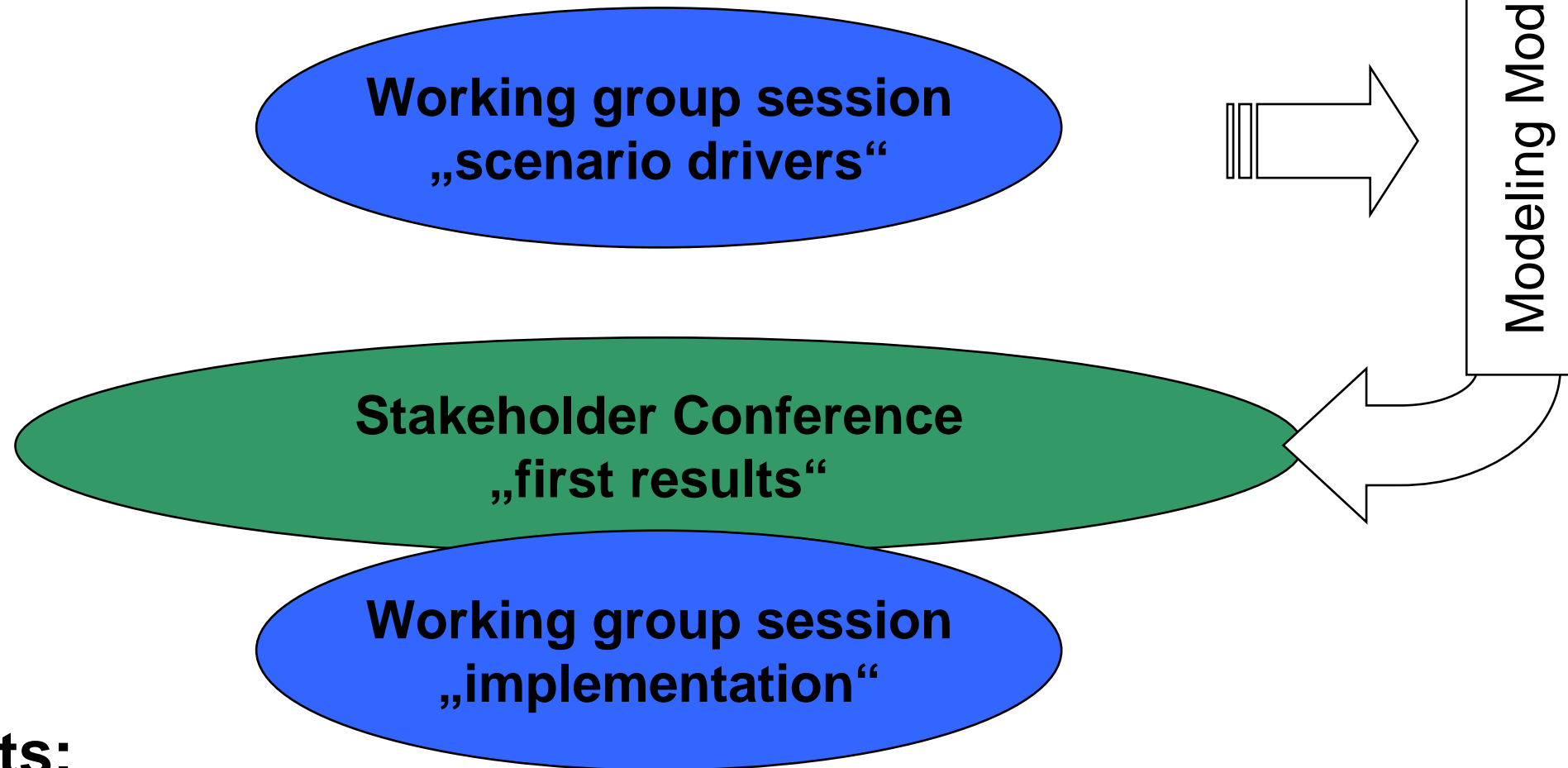


Result:

⇒ **Assessment of the upscalability**
 (potentials and limitations) of pilot actions

Phase 3

First scenarios & recommendations



Results:

⇒ First modeling results – baseline scenario

Implementation recommendation for selected actions

Questions for this workshop

Do you consider the approach appropriate?

Where could difficulties arise?

The Gauteng EnerKey Panel
Recommendations?

Cooperation – Who could take up which task in the module?



What is missing?

Thank you!

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