

Enerkey Module 2

Stakeholders and Socio-Economic Drivers

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- Independent, non-profit research institute, founded in 1981
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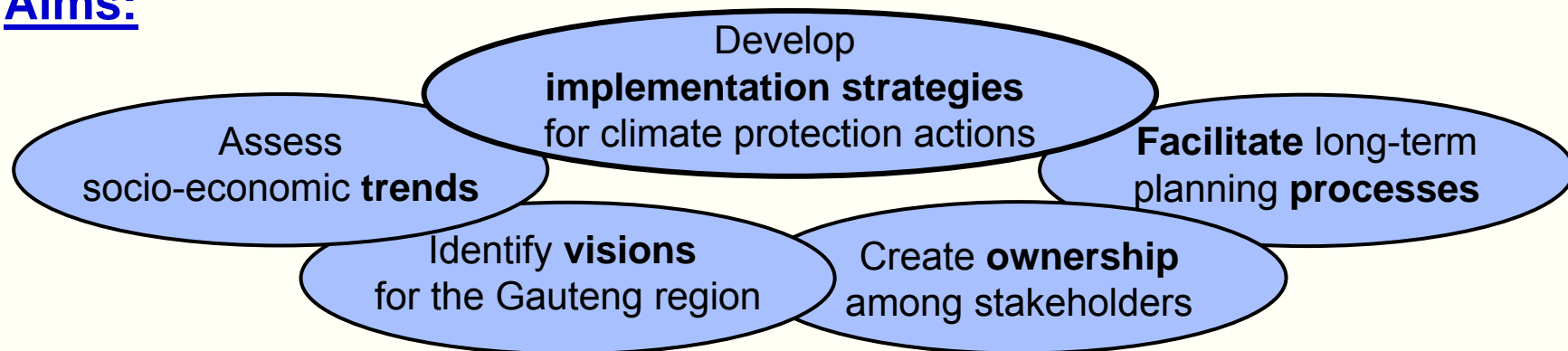
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Module 2: Stakeholders and socio-economic drivers

Today's decisions
-
in line with Gauteng's social and energy needs in 2030

Aims:



Module 2: Stakeholders and socio-economic drivers

Approach:

Integrated participatory stakeholder process



Involving key actors – The EnerKey Long-term Prospective Group (ELPG)

Aim: Anchoring the process, both to:

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

Members: A “working-level” body, representing key stakeholders total of 15 members:

- Representatives of each City administration and the Gauteng province
- Private enterprises
- Civil society
- Selected members of EnerKey research team

Work Packages - Module 2

(First 18 month)

- **WP 1 - Stakeholder and Policy Analysis**
Who is doing what and why?
- **WP 2 - Identification of Goals and Visions**
What should Gauteng look like in 2030?
(Existing Visions for the region, cities, sectors)
- **WP 3 – Analysis of socio-economic drivers**
What do we know about the future –
and where would we want to take a closer look?
- **WP 4 - Assessment of Pilot Actions**
Not to reinvent the wheel,
but make the wheel more efficient.

Work Packages - Module 2

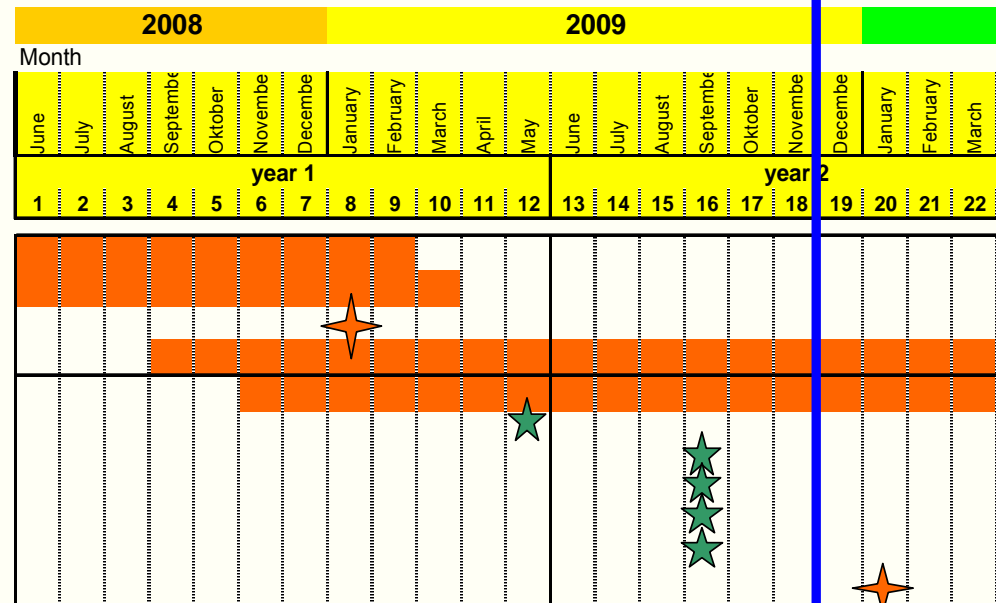
(After month 18)

- **WP 5 - First Scenarios**
At a first glance: Gauteng's energy system in 2030
(Discussion of first scenarios of Module 1)
- **WP 6 - General Implementation Strategies**
Designing a factory for wheels
- **WP 7 - Socio-Economic Drivers for Specific Scenarios**
But if the future will be different?
let's have a closer look!
- **WP 8 - Sectoral Implementation Strategies**
A business model for wheels on every car
- **WP 9 - Evaluation and Perpetuation of the Process**
The end of EnerKey –
is just the beginning of strategic and efficient planning

Timetable Module 2

First 18 months

| | |
|-------------|---|
| WP 1 | Stakeholder and Policy Analysis |
| WP 2 | Identification of Goals and Visions |
| | EnerKey Long-term Prospective Group (ELG) - Visions 2020 |
| WP 3 | Identification of socio-economic drivers |
| WP 4 | Assessment of Pilot Actions |
| | <ul style="list-style-type: none"> Pilot actions in the field of mobility Pilot actions in the field of housing Pilot actions in the field of public buildings Pilot actions in the field of commerce and industry Pilot actions in the field of energy supply |
| | ELG - Mainstreaming of Pilot Actions |



Legend:



EnerKey Long-term Perspective Group Session




Sectoral Assessment Workshop

Thank You




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The EnerKey Long-term Prospective Group Status Chair

South African Chair

not yet fixed

general agreement that DBSA will chair ELPG

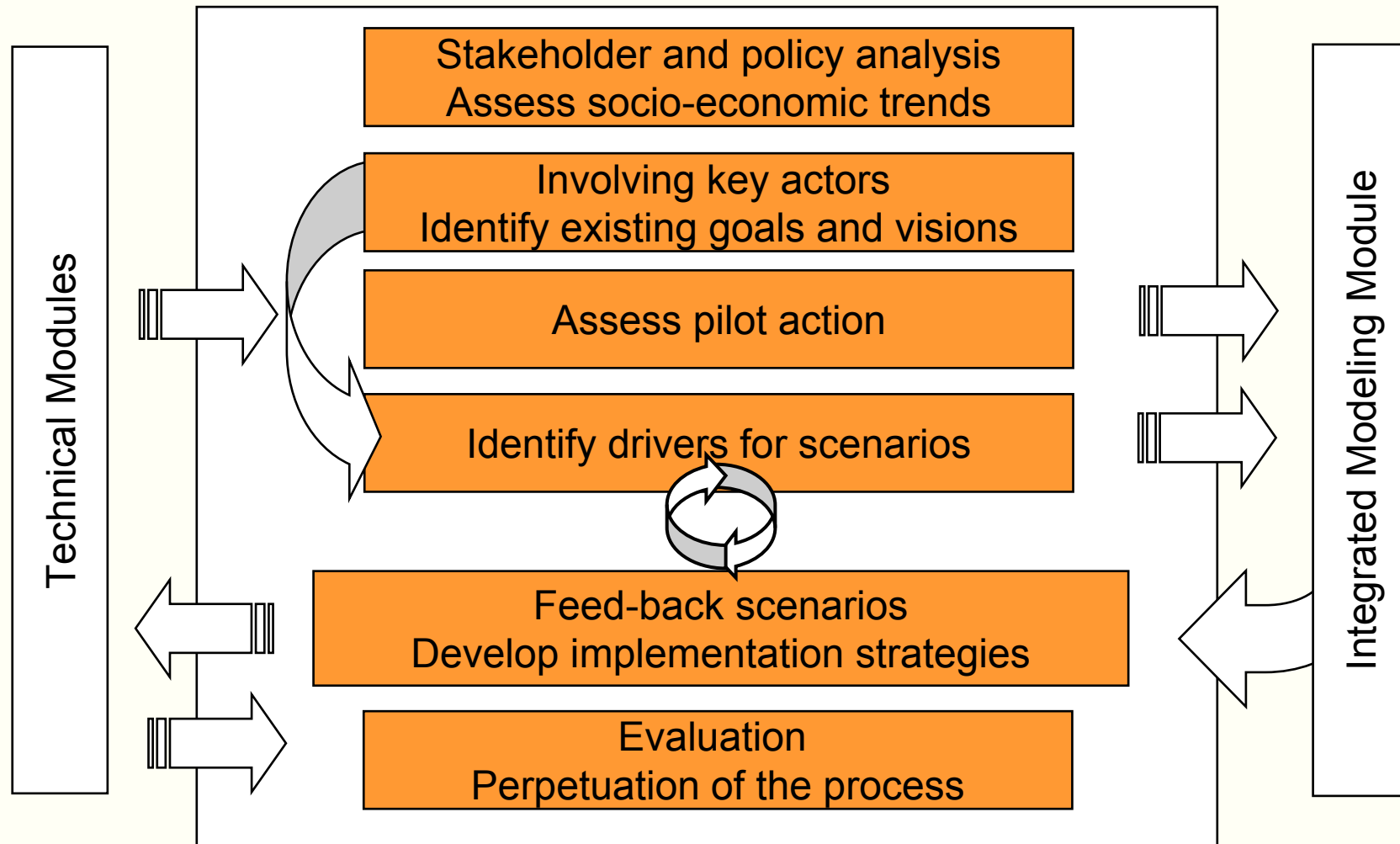
Status DBSA:

Energy Expert (Mavo Salomon) has resigned from DBSA
Position is advertised (New energy expert in 2 weeks)

Current contacts

- Mahlohonolo Senyakoe (Project Manager Gauteng)
- Khathutshelo E Tshipala (Environmental Analyst)

Workflow Module 2



Work Packages - Module 2

- **WP 1 - Stakeholder and Policy Analysis**
- **WP 2 - Identification of Goals and Visions**
- **WP 3 - Identification of socio-economic drivers**
- **WP 4 - Assessment of Pilot Actions**
- WP 5 - First Scenarios
- WP 6 - General Implementation Strategies
- WP 7 - Socio-Economic Drivers for Specific Scenarios
- WP 8 - Sectoral Implementation Strategies
- WP 9 - Evaluation and Perpetuation of the Process

WP 1 - Stakeholder and Policy Analysis (1-9)

- **Task 1: Literature research**
Policies, ongoing processes, key actors
- **Task 2: Stakeholder interviews**
SA & Gauteng
- **Task 3: Assessment and reporting**

Three reports:

1. Overview of energy goals for Gauteng (6)
2. Energy Policy overview (9)
3. Stakeholder analysis

Background information for all partners

WP 2 – Identification of Goals and Visions (1-10)

- **Task 1: Installing Gauteng EnerKey Working Group**
 - **Task 2: Identifying visions for 2020**
 - Summarise existing visions
 - Communicate visions with time horizon 2020
- Futures Workshop: Vision 2020 (8)

WP 3 - Analysis of socio-economic drivers and trends (4-22)

- **Task 1: Identify Key drivers**
- **Task 2: Sensitivity analysis**
- **Task 3: Synthesising of results**

Report:

Socio-economic drivers for Gauteng's energy future (20)

WP 4 – Assessment of pilot actions (6-22)

- **Task 1-5: Sectoral workshops**
 - Public Building
 - Housing
 - Mobility
 - Commerce and Industry
 - Energy Supply

- **Task 6: Public information campaign (Module 7)**

- **Task 7: Assessment of future perspective**

Report:

1. Future perspectives of current and past pilot actions

List of deliverables

| •Deliverables overview of Module 2 “Stakeholders and Drivers” | | |
|--|---|------------------|
| WP | Deliverable name | Due Month |
| 1 | Report - Overview of energy goals for Gauteng | 6 |
| 2 | First Gauteng EnerKey Working Group Meeting – „Visions 2020“ | 8 |
| 1 | Report – Energy policy overview | 9 |
| 1 | Report - Stakeholder analysis | 9 |
| 4 | Five sectoral workshops on pilot actions | 14 |
| 3 | Report - Socio-economic drivers of Gauteng’s energy future | 20 |
| 5 | Commonly agreed list of key socio-economic drivers | 20 |
| 4 | Report - Future perspectives of current and past pilot actions | 22 |
| 5 | Stakeholder Conference – first scenarios | 29 |
| 6 | Workshop - Assessment of existing implementation approaches | 29 |
| 7 | Report – Key drivers for energy scenarios for the Gauteng region | 41 |
| 8 | Five workshops on sectoral implementation strategies | 47 |
| 8 | Report – Recommendations for specific implementation strategies | 50 |
| 8 | Preliminary evaluation report | 50 |
| 7 | Final report – Stakeholder processes towards a climate action plan for the Gauteng region | 60 |