



Australian Government

Department of Resources, Energy and Tourism

EEO DATA ANALYSIS

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TO: EEO WORKSHOPS
MAY 2009



National Framework
for Energy Efficiency

Energy Efficiency
Opportunities

OVERVIEW

- EEO data analysis requirements
- Energy Mass Balances (EMBs)
- Representative Assessment (RA)
- The ESGM and eTool
- Other EEO documents

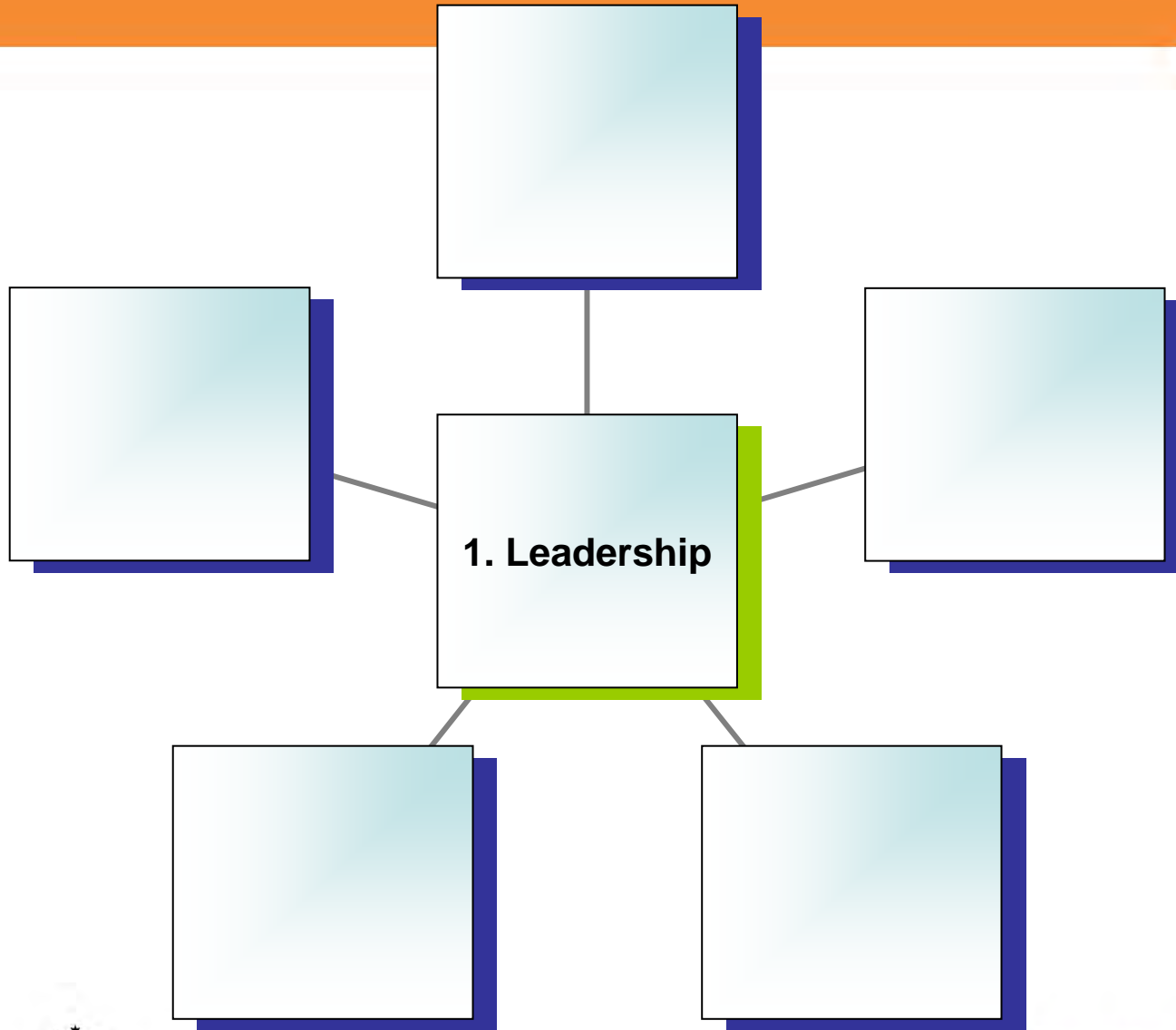


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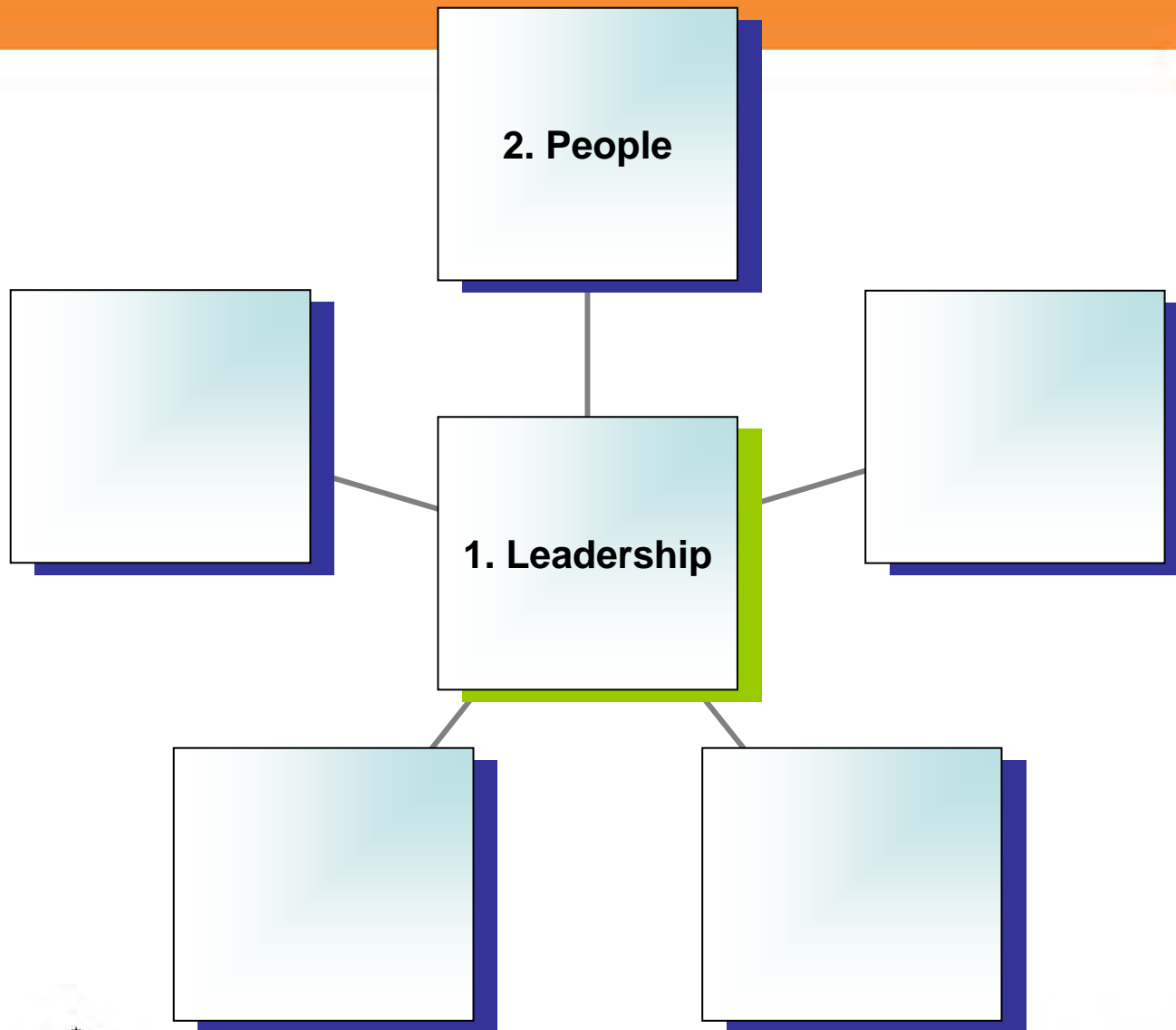
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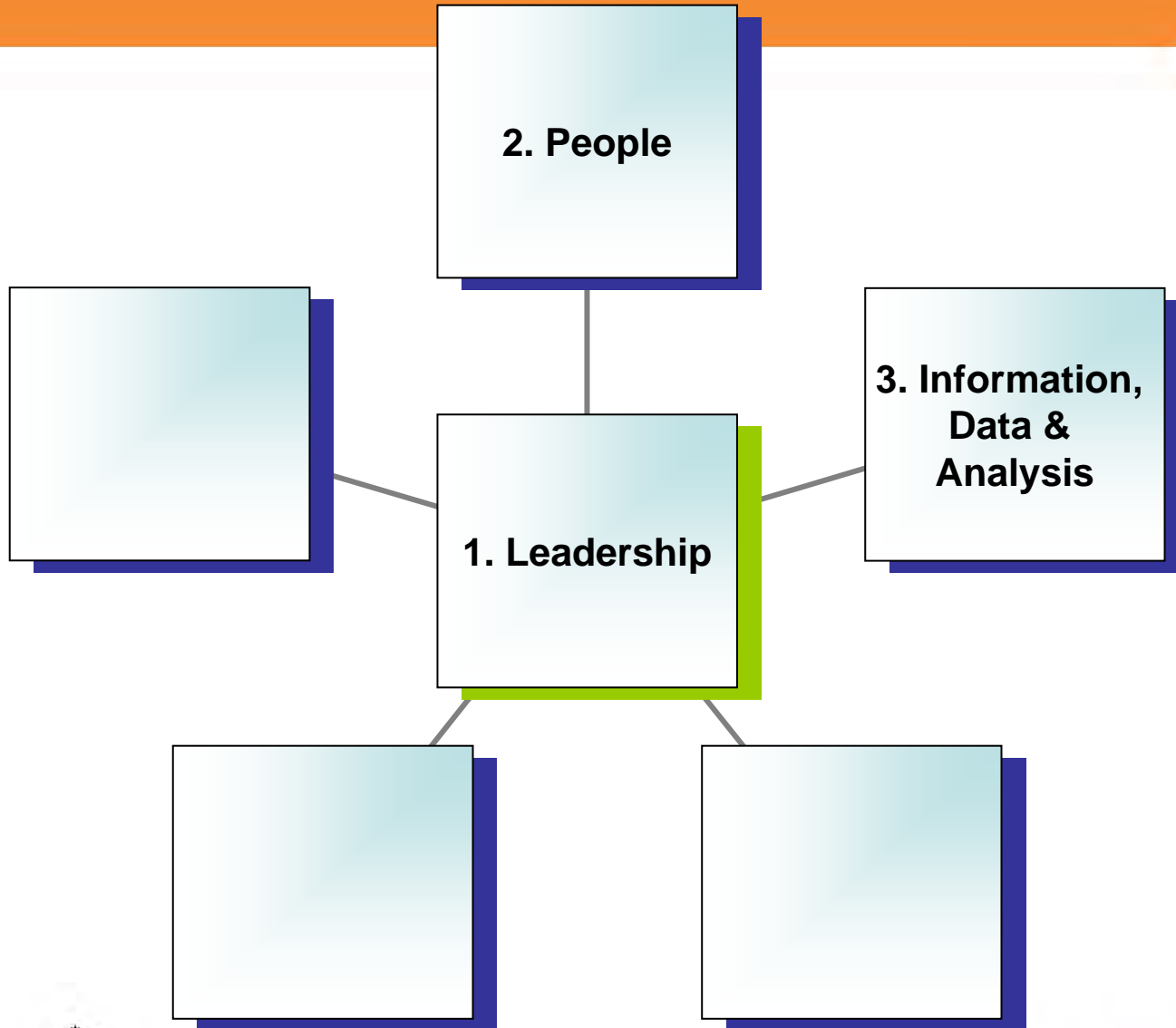
ASSESSMENT FRAMEWORK-KEY ELEMENTS



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KEY REQUIREMENTS: DATA ANALYSIS

- EEO Assessment Framework
 - Industry Guidelines, p.42
- Key requirements 3.1-3.3, 4.1, 4.3 relate to data analysis



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REGULATIONS: ENERGY MASS BALANCES (EMBs)

- Regulatory definition
- Accuracy & coverage



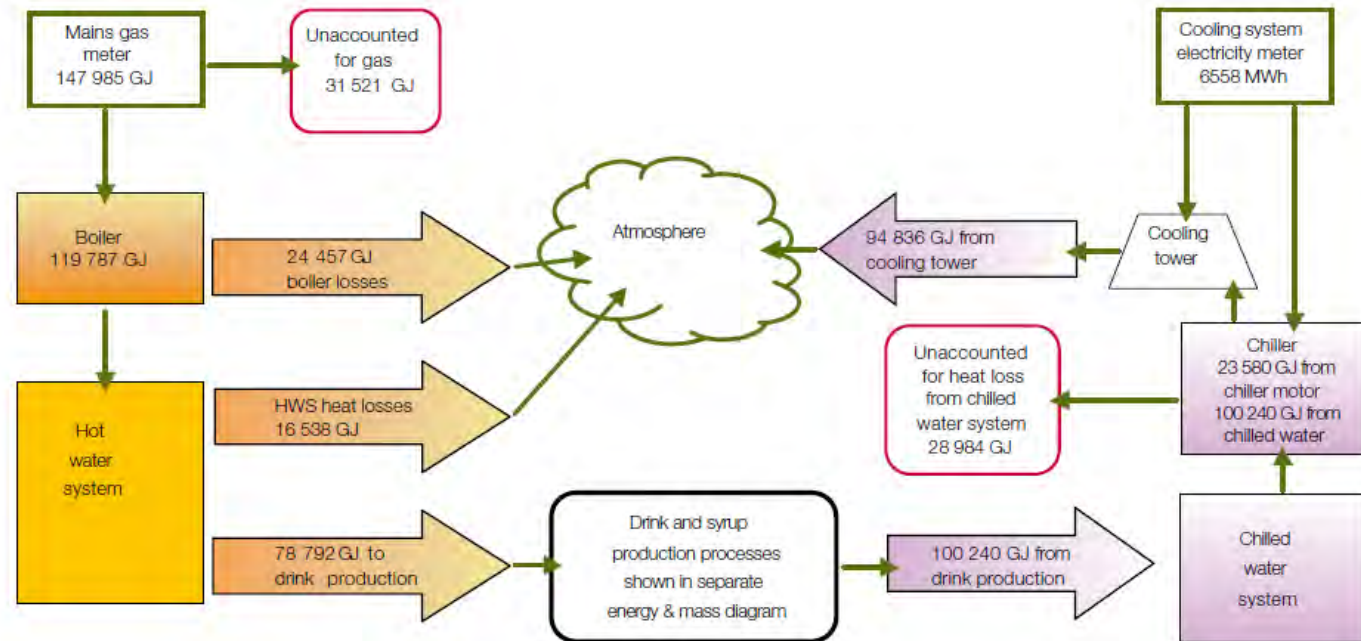
WHAT IS AN EMB?

- What is an EMB?
- What is not?



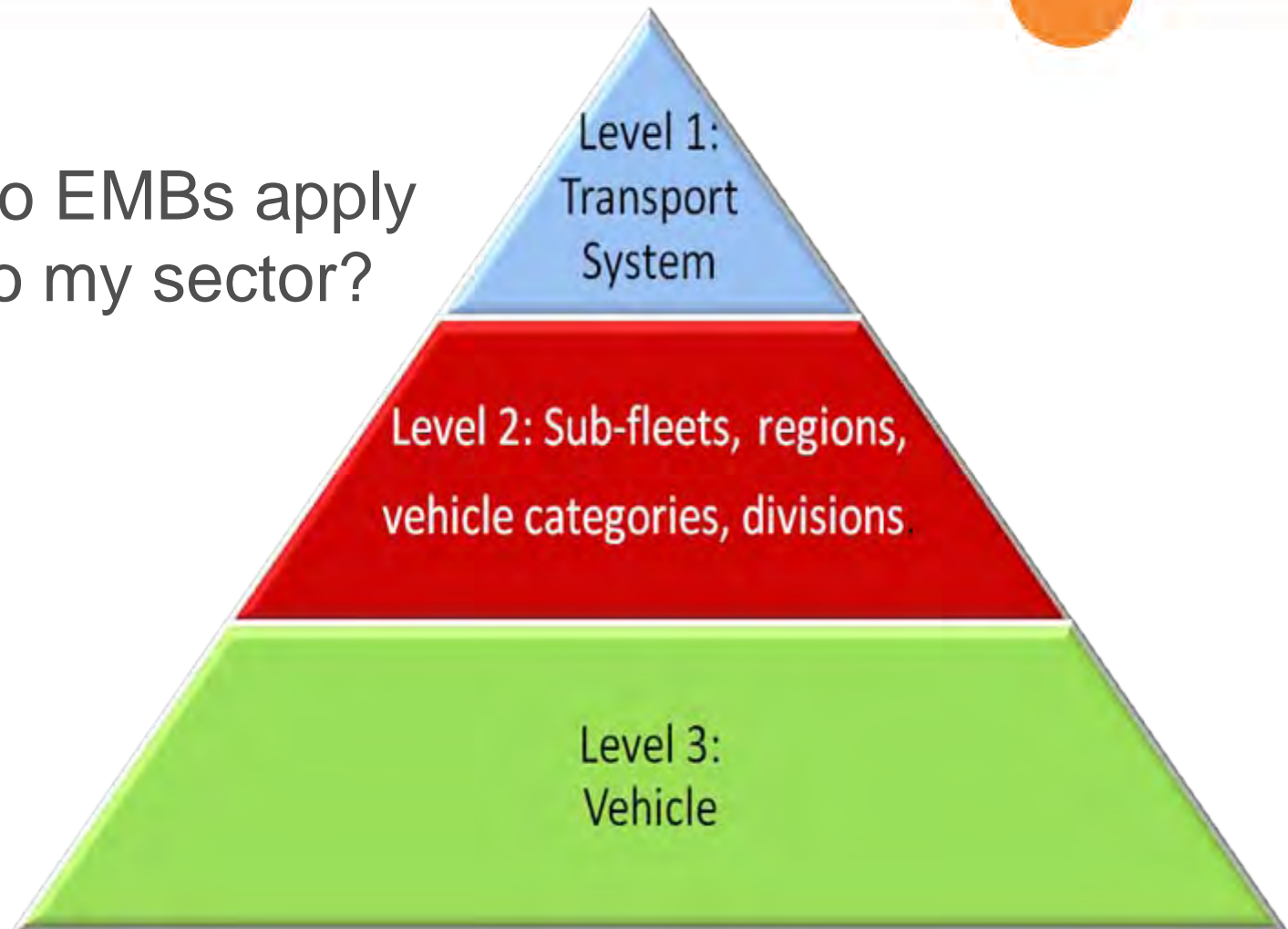
WHAT ARE THE BENEFITS OF AN EMB?

- Better understanding of energy use
- Losses & waste
- Efficiency
- Process interactions



WHAT IS AN EMB?

- Do EMBs apply to my sector?



REPRESENTATIVE ASSESSMENT

- What is a representative assessment (RA)?
- Why do an RA?
- Key considerations – accuracy and sampling
- Requirements
- Relationship to EMBs



OTHER EEO CAPACITY-BUILDING DOCUMENTS

- Suite of EEO guidance documents
- EMBs and Representative Assessment Guide
- Version 1 of the ESMG



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OTHER EEO CAPACITY-BUILDING DOCUMENTS

- ESMG Version 2 is on the way
 - Accompanying eTool software
- Case studies
- Don't forget the Assessment Handbook



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QUESTIONS?



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ENLARGED DIAGRAM

