

Indicators and the G8 Process

Peter Taylor

Head, Energy Technology Policy Division

Industry Expert Review Workshop, 9 - 10 February 2009

Worldwide Trends
in Energy Use and
Efficiency

Key Insights from
IEA Indicator Analysis

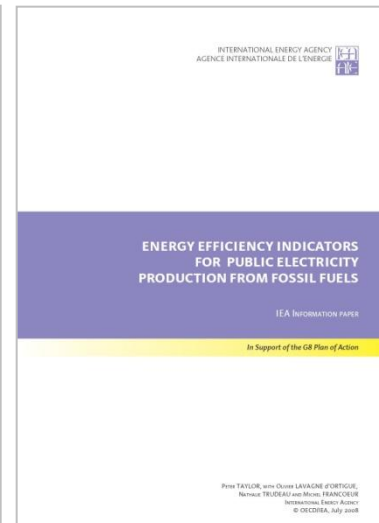
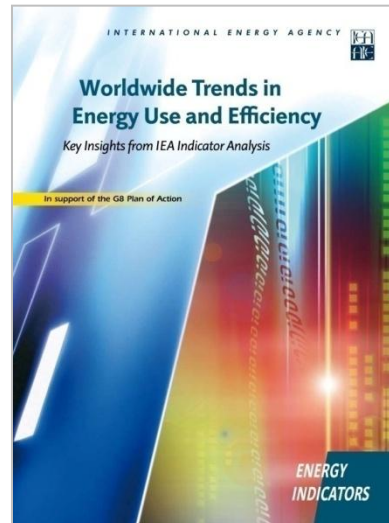
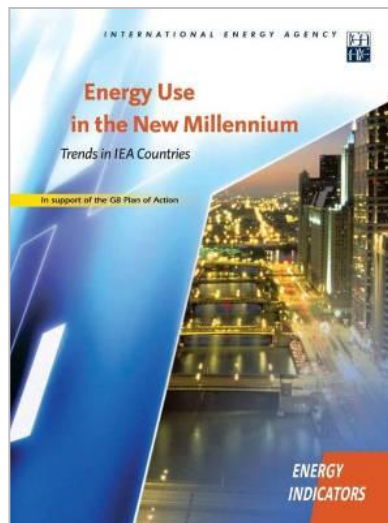
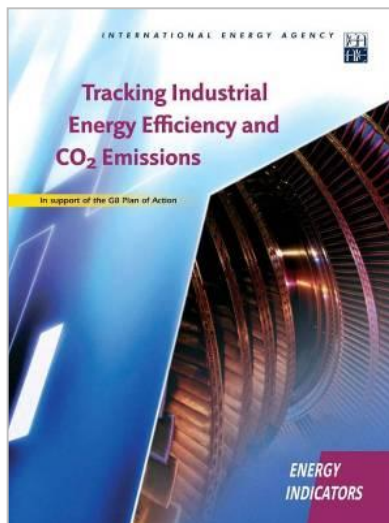
Key Outputs from the GPOA

ENERGY
INDICATORS

In support of the G8 Plan of Action

2007

2008



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Requests for Follow-up Activities

G8 Hokkaido Toyako Summit Leaders Declaration (Hokkaido Toyako, 8 July 2008)

We ask the IEA to enhance its work on voluntary sectoral indicators through improved data collection, complemented by business initiatives

Joint Statement by G8 Energy Ministers (Aomori, Japan on 8 June 2008)

Building on its response to the Gleneagles Plan of Action we strongly encourage the IEA to intensify their efforts on energy indicators. We will share with the IEA the appropriate data.

Joint Statement by Energy Ministers of G8, China, India and Korea (Aomori, Japan on 8 June 2008)

We highly appreciate the ongoing work on energy indicators....we encourage governments and private sectors of all the interested economies to further cooperate in these efforts. Capacity building on energy statistics is essential to this end.

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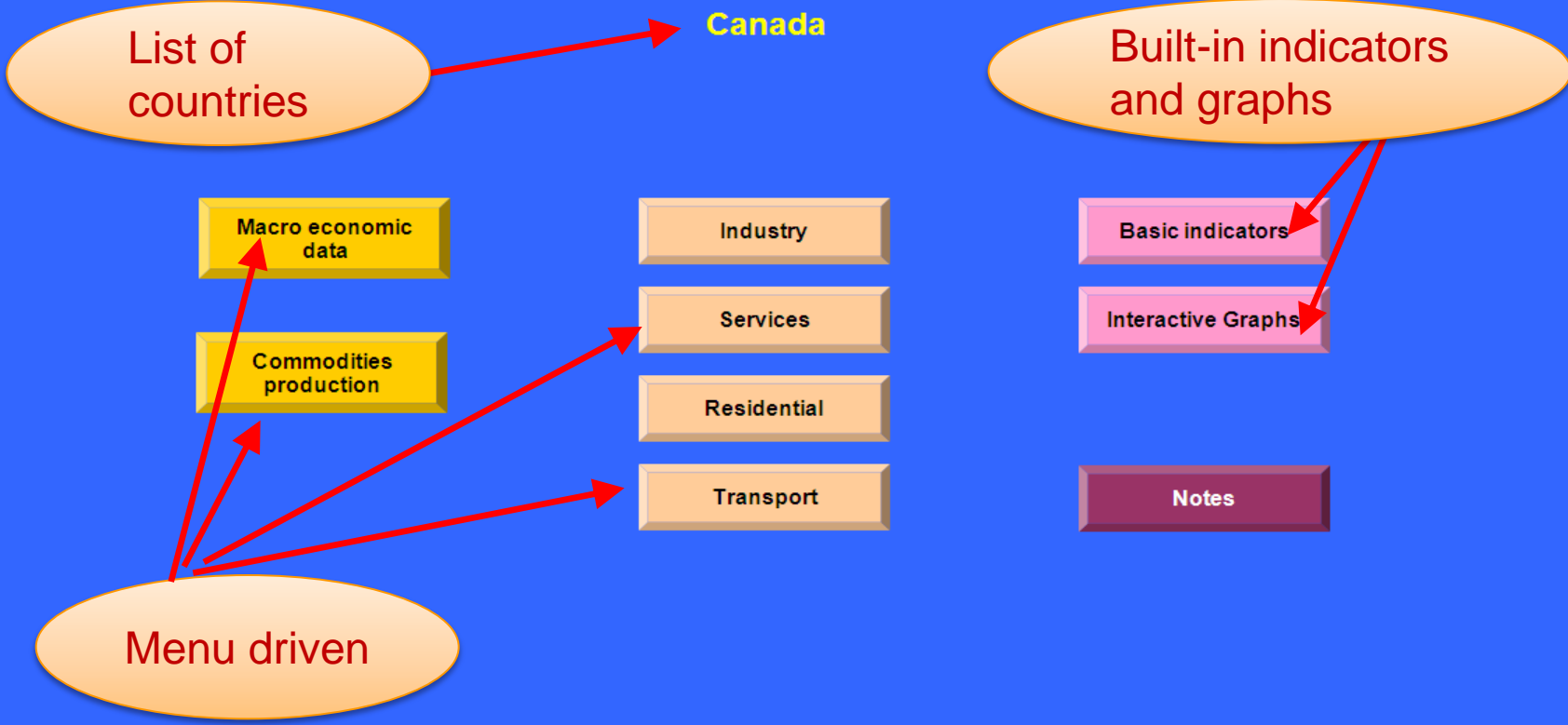
Proposed PoW 2009 - 2010

- Improvement of underlying data and sharing information
- Developing and standardising indicators and benchmarks
- Country analysis of trends and potentials
- Enhanced collaboration

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Draft Energy Efficiency Indicators Template/Questionnaire



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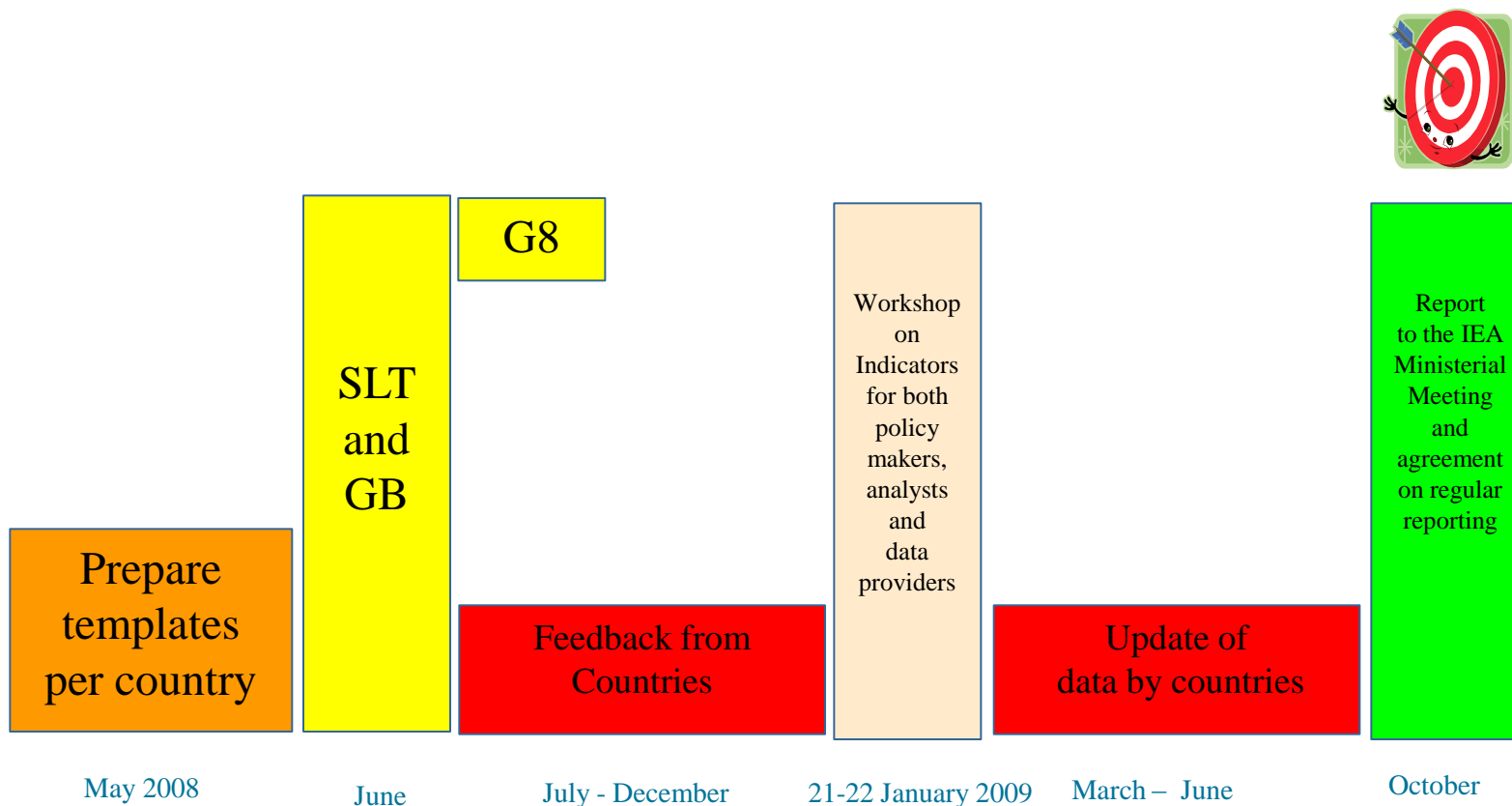
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The Roadmap to Regular Reporting System on Energy Efficiency Data

ENERGY
INDICATORS



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INTERNATIONAL ENERGY AGENCY



New Industry Book

- **To be published mid-2009**
 - New, improved and updated energy and CO₂ indicators for key energy intensive sectors
 - More explanatory indicators e.g. on capital stock turnover
 - Expanded savings potential analyses for energy
- **Key messages for the Italian G8 Energy Ministers (May 2009), full book for G8 leaders, IEA Ministerial and COP15**

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Ideas for Future Work and Collaboration

- Improving data and methodologies
 - CHP a particular problem
- Sector-specific initiatives
- Linking government and industry data collection efforts
- Working with ISO

ISO SAG-E

Strategic Advisory Committee on energy efficiency and renewable energy sources, November 2008 meeting

■ Recommendation 22

- SAG E believes there is a need for an ISO standard to harmonize industrial efficiency indicators and measurement methods for energy intensive industries. This could be based on the work of IEA.

■ Recommendation 23

- There is a need for an ISO standard for the assessment and rating of the efficiency of industrial processes. The TMB is therefore asked to encourage a proposal from a member. The SAG E offers assistance upon request.

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Thank you !

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