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ClimaEast

Support to Climate Change Mitigation and
Adaptation in Russia and ENP East countries

GHG Inventory and MRV of GHG emissions from industrial processes and product use

**The MRV concept in climate change policy: formulation and
implementation**

Clima East project

Zsolt Lengyel, Team Leader & Key Expert

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Content of presentation

1. MRV context: origins and principles
2. Considerations for integrating MRV and inventories: what we measure, we can manage!



MRV/GHGI origins and principles (1)

- The “M” of MRV can stand for **Measurement** or for **Monitoring**. While the word “measurable” was originally used in the Bali Action Plan (the Bali Action Plan of 2007 is a comprehensive process to enable the full, effective and sustained implementation of the Convention through long-term cooperative action), it has since been replaced by the term “monitoring” since in a strict sense the aim is often to monitor, rather than to measure.
- the **design principles** are consistent with the five ‘indicators of inventory quality’ proposed by the IPCC in its 2006 Guidelines for National GHG inventories as well as the characteristics of good GHG data defined by others

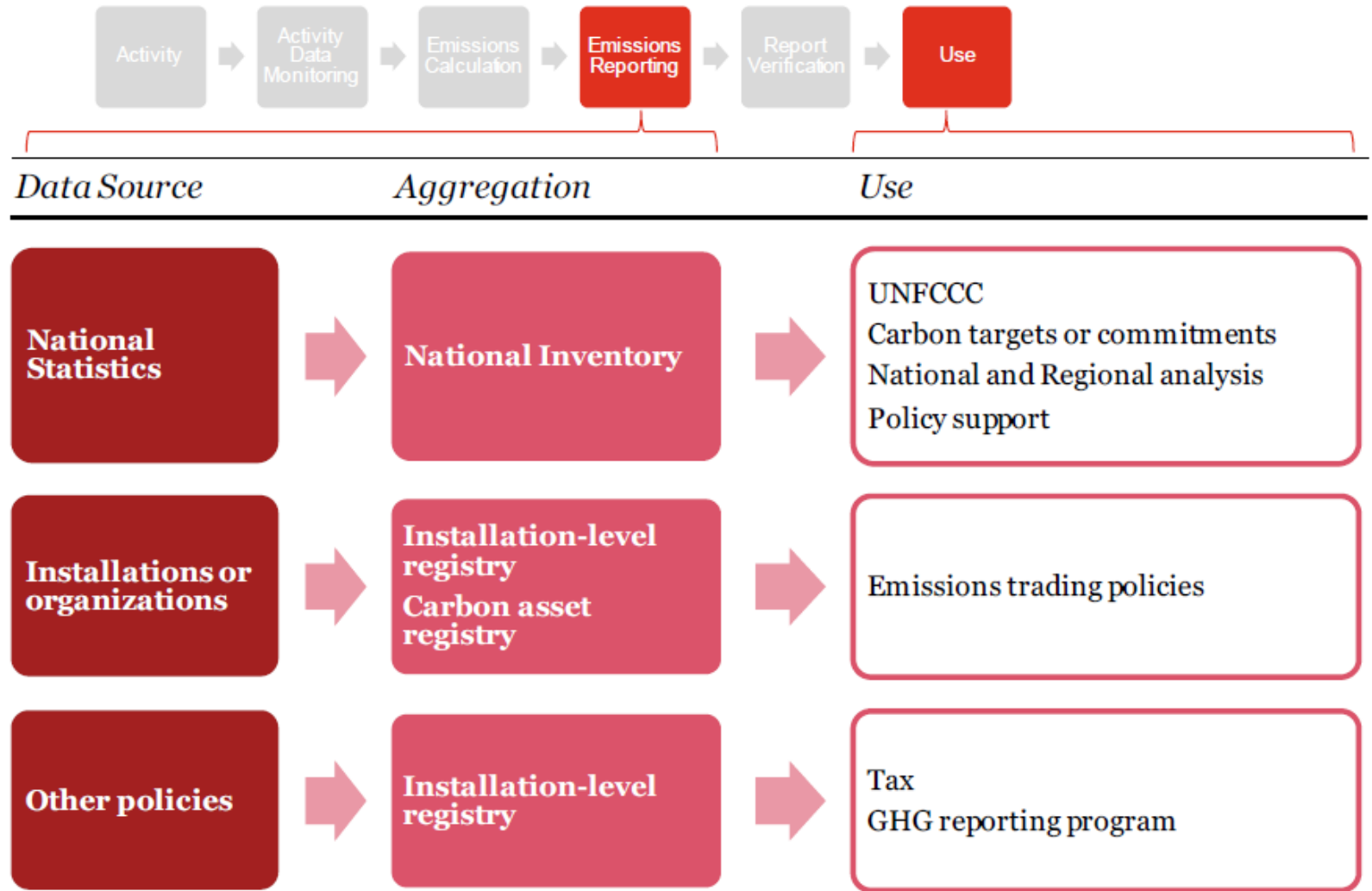


MRV/GHGI origins and principles (2)

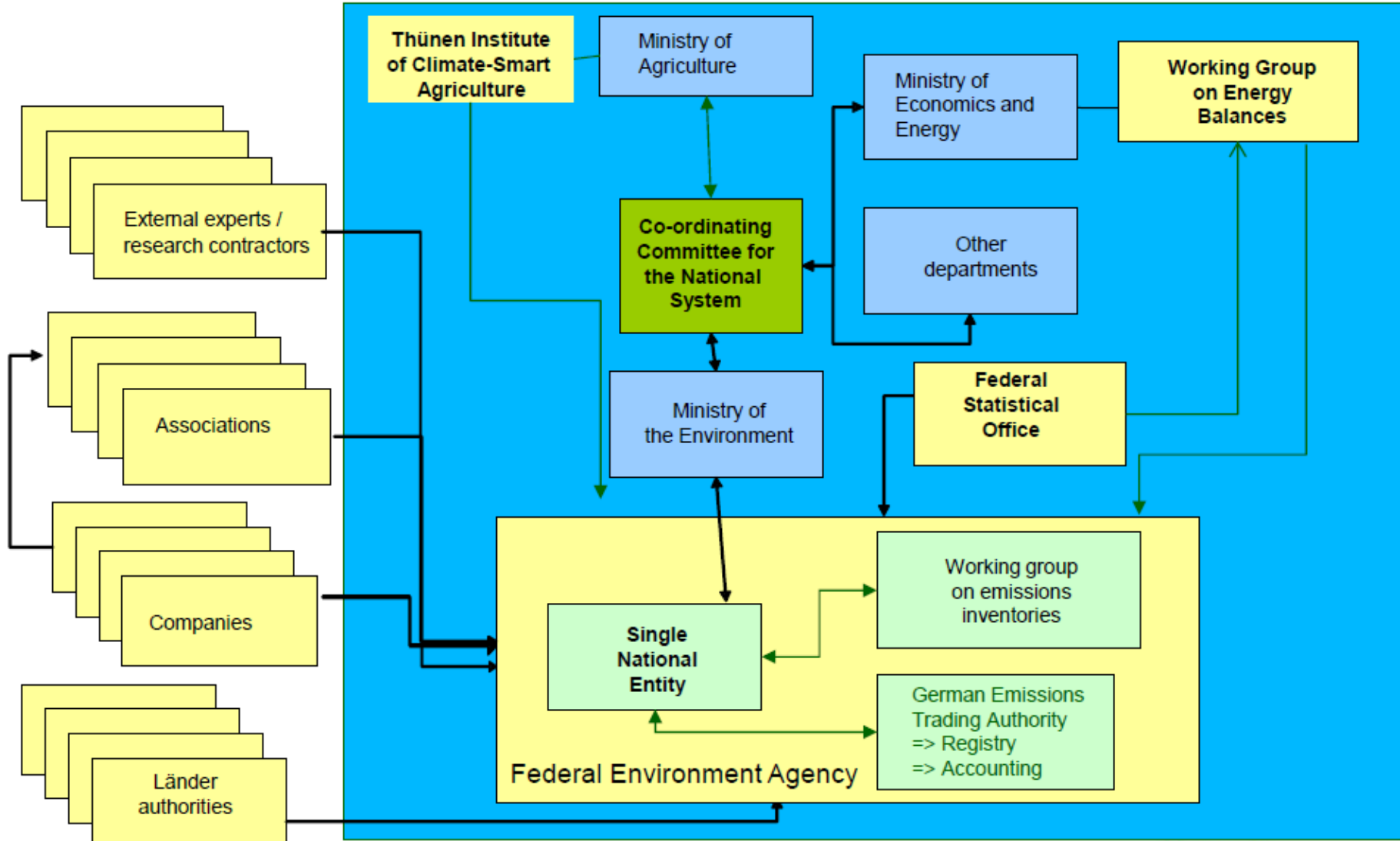
- The GHGI/MRV principles are **consistency, comparability, completeness, accuracy and transparency**. (http://www.ipcc-nggip.iges.or.jp/public/2006gl/pdf/1_Volume1/V1_1_Ch1_Introduction.pdf)
- The European Commission defines eight 'Monitoring and reporting principles'. These are **completeness, consistency, transparency, accuracy, cost effectiveness, materiality, faithfulness, and improvement of performance in monitoring and reporting emissions**. http://eur-lex.europa.eu/LexUriServ/site/en/oj/2004/l_059/l_05920040226en0010074.pdf
- The World Resources Institute (WRI) characterizes high quality GHG data as being **accurate, complete, transparent, consistent and verified**:
http://pdf.wri.org/designing_a_us_ghg_emissions_registry.pdf



MRV/GHGI interconnections (1)



MRV/GHGI interconnections: Germany example (2)



HOW TO OVERCOME THE CHALLENGES

- **Learning by doing and start early** – NDC/ PA compliant GHGI & MRV is not simple!
- **Develop longer term objectives**, plan improvements along the way with clear mandates from the outset
- **Learn from others**, the solutions they arrived at and good practices they developed. Innovation rests on further development of experiences of others and efforts and achievements they made
- **Support in the own organisation** is critical and organise early on in your organisation the expertise on monitoring and reporting processes





How to contact ClimaEast

The project team can be contacted at personal e-mail addresses [zsolt.lengyel@climaeast.eu] and:

info@climaeast.eu

Clima East Office, c/o Milieu Ltd
Chaussée de Charleroi No. 112, First Floor
1060 Brussels (Belgium)
Tel: +32 2506 1000

Website:

[English: www.climaeast.eu](http://www.climaeast.eu) - [Russian: http://russian.climaeast.eu/](http://russian.climaeast.eu/)



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