

Institutional framework for registries

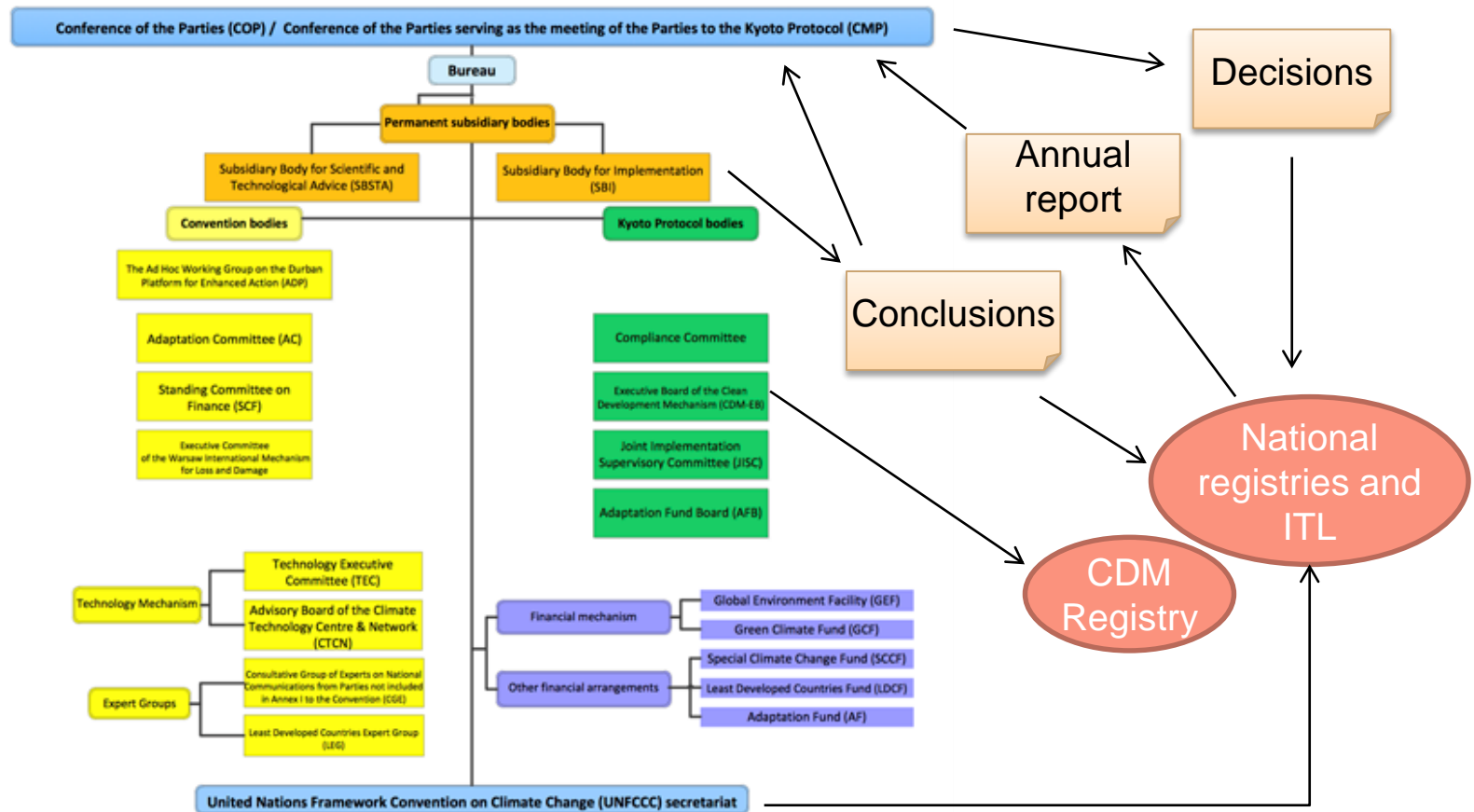
Sacramento, California, 23 September 2015

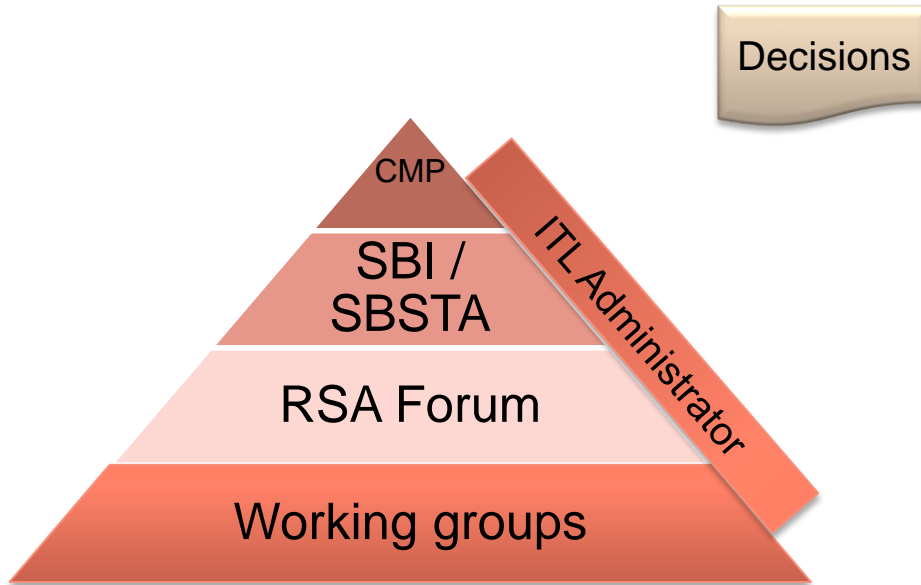


Jean-Francois Halleux, Programme Officer
UNFCCC secretariat, MDA

United Nations Framework Convention for Climate Change

↳ Kyoto Protocol





Decision 24/CP.8

- General design requirements
- DES
- Functional specifications
- RSA Forum

Decision 16/CP.10

- Common operational procedures
- Public information
- Cooperation arrangements

Decision 13/CMP.1

- Main accounting decision

Decision 14/CMP.1

- Annual accounting reporting format

➤ Mission critical system

- Complex business rules (non-permanence...)
- Stringent performance, availability and security requirements

➤ Mitigation measures

- Keep it simple
- Use (highly) skilled staff
- Apply industry standards and best practices (ISO-27000, ISO-9000, ITIL, PM methodology, SSL, VPN, SOAP, etc.)
- Do not venture in fancy technologies
- Stick to the Needs-Requirements-Analysis-Design-Implementation-Testing chain
- Zero known bugs policy, including on results of annual security tests
- Ensure effective collaboration (one team) between the „business“ and „IT“
- Validate legal understanding

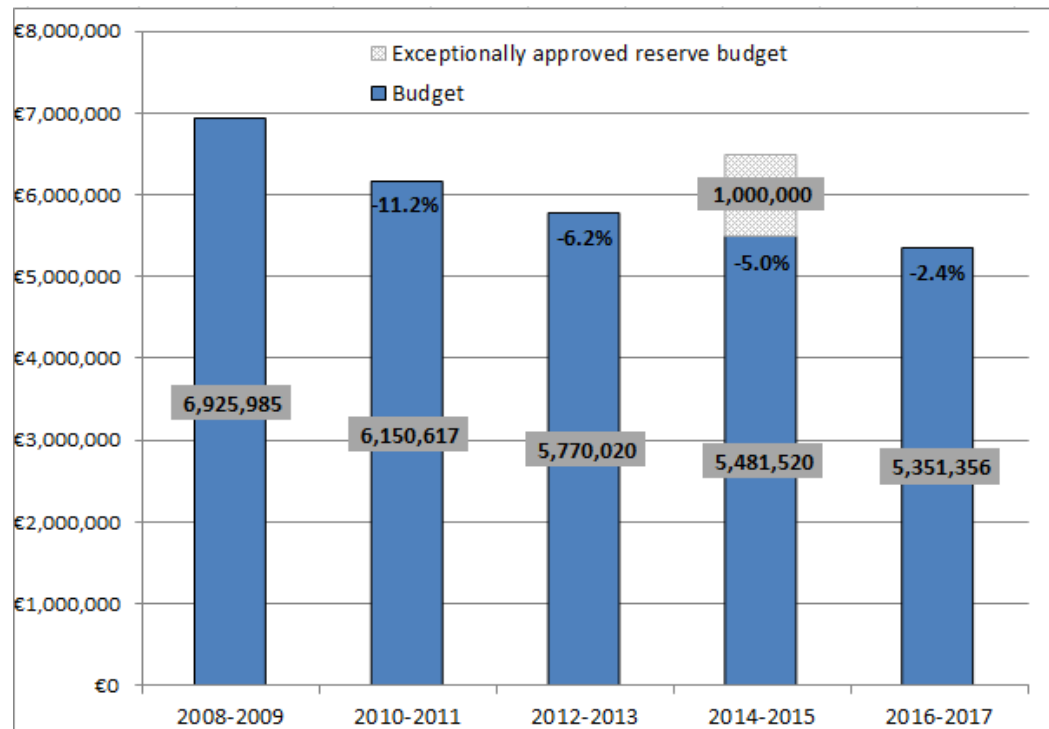


- Liability ... Mitigation ?!
 - Transfer risk to third parties
 - Insurance
- Staff training / retention
 - It can take several months or even more than a year before staff becomes effective
- Mitigation
 - Establish procedures for all key processes
 - Keep all necessary and sufficient documentation up-to-date
- Vendor dependence
 - Establish procedures for all key processes
 - Document
- Sufficient and predictable funding
 - Establish and maintain business model
 - Distinguish direct vs indirect, divisible vs indivisible costs
 - Report transparently
 - Anticipate ! Forecast 2-3 years in advance, and keep an eye on the long-term



- Establish and maintain „Lean“ procedures
- Balance staff vs contractors
- Investigate the possibility to make use of interns, etc.
- Understand fix vs variable cost items (service desk)
- Competitive tendering
- Consolidate activities
- Careful forecast

ITL Budget 2008-2017



- Methodology for the collection of fees versus budget
- What to do in case of:
 - Non-payment
 - New entrant
 - (Temporarily) Disconnected user
- Minimize administrative overhead
- Proportional
- Transparent

International transaction log scale of fees for the biennium 2014–2015

<i>Party</i>	<i>Scale of fees (per cent)</i>
Australia	2.841
Austria	1.588
Belgium	1.973
Bulgaria	0.036
Croatia	0.079
Czech Republic	0.503
Denmark	1.323
Estonia	0.028
European Union	2.685
Finland	1.009
France	10.667
Germany	15.350
Greece	1.065
Hungary	0.437
Iceland	0.737
Ireland	0.797
Italy	9.089
Japan	14.939
Latvia	0.032
Liechtenstein	0.188
Lithuania	0.055
Luxembourg	0.153
Monaco	0.181
Netherlands	3.352
New Zealand	0.961

- Fix the scope of the framework realistically
 - Maybe it is not possible or desirable to address all issues?
 - What is the core that is strictly needed to get started?
- Think in terms of processes
 - What processes are required?
 - What are the actors, what timeframes are bound to each process?
- Think in terms of information
 - What information is needed to sustain each process?
 - Is the information public?
- Implement while drafting the framework
 - Perform detailed analysis and design
 - Get feedback from the implementer(s)
 - Amend as necessary
 - Finalize when the implementation is robust



Thank you!

Questions?

