

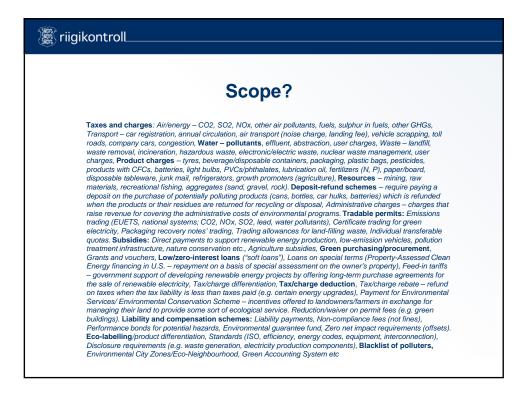






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Why this research project?
<ul> <li>Research project conducted under INTOSAI WGEA Working Plan 2014–2016</li> <li>Goal 1: Up-date existing and develop new guidance materials available to SAIs, <u>conduct research studies</u> <u>on emerging topics in environmental auditing</u></li> </ul>
<ul> <li>Objective: to give an overview of market based environmental policy instruments (MBI); collect the experience of SAIs on auditing MBIs</li> </ul>
<ul> <li>Final approval by INTOSAI XXII Congress in December 2016</li> </ul>

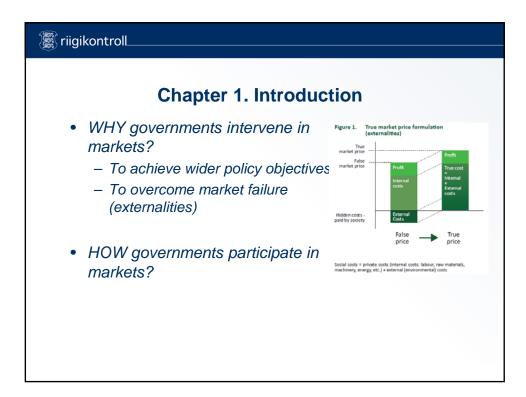


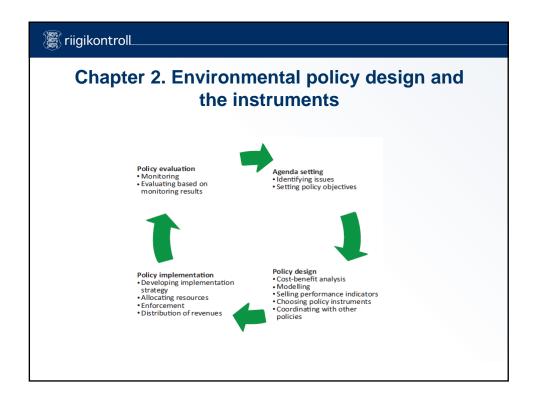


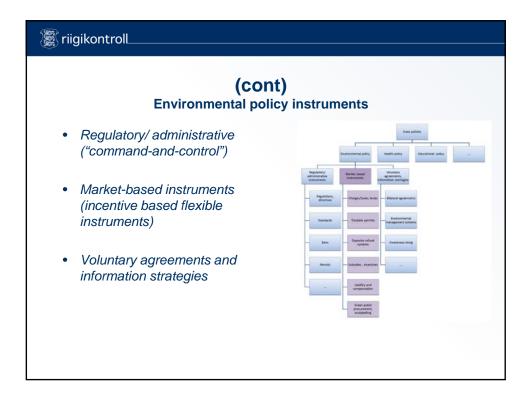
## Structure of the report

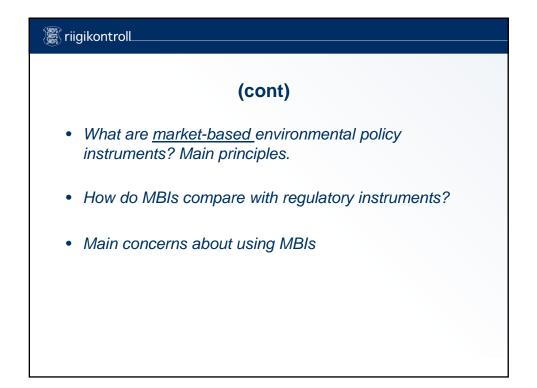
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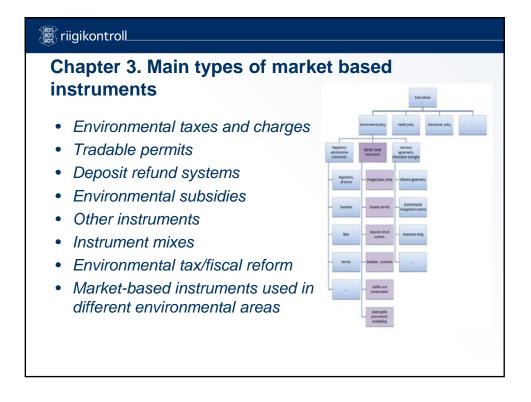
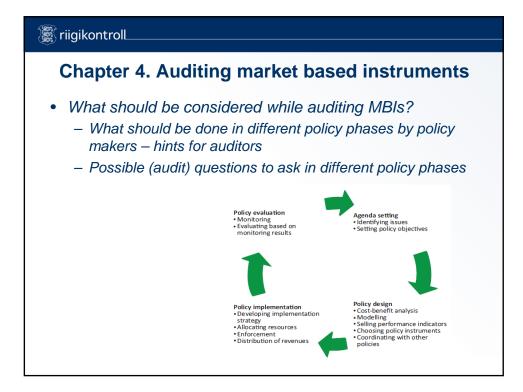
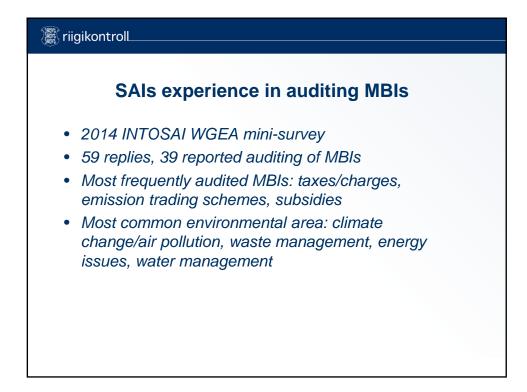
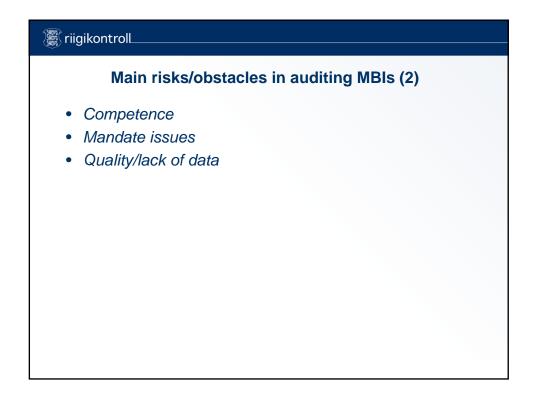


		Table 2. Examples of market instruments by envi sector	
Area/sector	MBIs	Explanation	Country examples
Water management	Water resources taxes/charges	Water abstraction levies — a natural resource tax rather than a charge to recoup infrastructure costs — on tap water are generally used in combination with licensing and permit systems. In general, water abstraction taxes are designed either as taxes on the amount of water abstracted or on the quantity for which an abstraction permit has been given. <sup>69</sup>	Denmark, France, Germany, Netherlands, Estonia, India, Ethiopia, Empt
	Water effluent charges	Water effluent charges are a common instrument used for regulating discharges of effluents into natural waters. Charges usually include chemical and biological oxygen demand, heavy metals, suspended solids, nutrients (nitrogen and phosphorus) and the total volume.	Belgium, France, the Netherlands, Estonia, Colombia, the Philippines, Nigeria, Mexico, Poland, Germany, Japan, Canada, Ireland
	Water quality trading schemes	Water quality trading refers to the application of emissions trading to water pollution control.	Australia, Canada, New Zealand, United States





	Main risks/obstacles in auditing MBIs (1)
•	Complex and complicated systems
•	Evidence based policy design
•	Multiplicity of policies and policy design
•	Uncertainties and forecasting future liabilities
•	Complex administration
•	Use of revenues
•	Evaluation of impacts
•	Detecting fraud (insufficient transparency)
•	Political volatility



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Appendixes
Appendix 1. Recommendations for policy makers in designing environmental taxes and emission trading schemes
Appendix 2. 11 audit cases Title of the audit, name of the SAI
1. Objective of the audit
2. Audited market-base environmental policy instrument
3. Audited stages of implementing the instrument
4. Methodology used to audit the instrument
5. Main findings and recommendations
6. Additional information



