



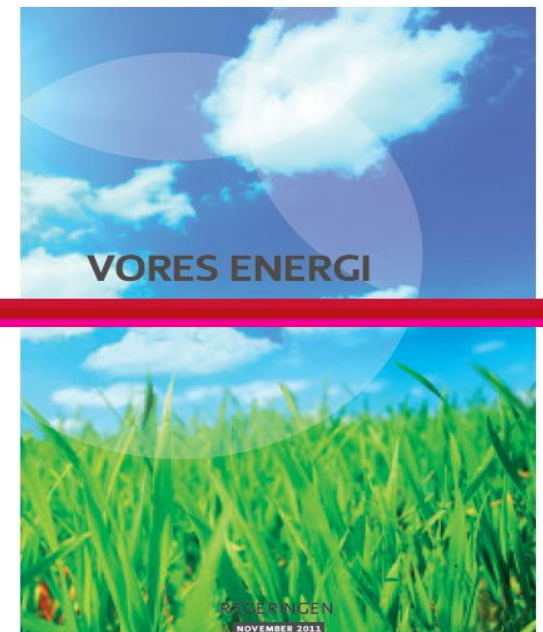
DANISH MINISTRY OF
CLIMATE, ENERGY AND BUILDING



Denmark: MRV - ambitious targets and actions

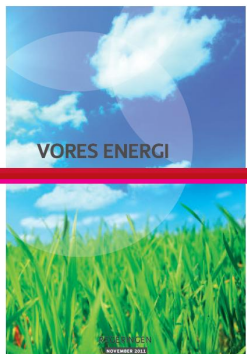
EU side event, 2 Dec 2011, Durban

**Christian Pilgaard Zinglensen,
Head of the Danish Delegation**



Denmark has ambitious climate and energy targets

	Kyoto period 2008-2012	EU climate and energy package 2020	
		DK target	Overall EU target
Overall CO2 reduction	-21 % comp. to 1990 (overall EU target -8 %)		-20 % comp. to 1990
Non-ETS reduction compared to 2005	-	-20 %	-10 %
Renewable Energy target by 2020 (share)	-	30 %	20 %



'Our Energy' brings us beyond EU targets

	Government Targets	Action 2020: "Our Energy"
Renewable Energy →	Independence of fossil fuels by 2050	Total share: 36% Wind: 52% of power
Overall CO2 emissions →	-40% by 2020 (comp. 1990)	-35% by 2020 (comp. 1990)* * Climate Action Plan in 2012 to cover remaining sectors

MRV is part of the policy cycle

- Historical and projected GHG emissions requirement for policy making
- Examples of climate related plans and policy packages:
 - Energy 2000 (1990)
 - Action plan for sustainable development in the agricultural sector (1991)
 - Strategy for sustainable forest management (1994)
 - Strategy 2000 - Danish strategy in the development assistance area (1995)
 - Energy 21 (1996)
 - Action plan for reduction of the transport sector's CO2 emissions (1996)
 - National sub-strategy for Danish environmental and energy research (1996)
 - Action Plan for the Aquatic Environment II (1998)
 - Action Plan II - Ecology in Development (1999)
 - Waste 21 (1999)
 - Action plan for reduction of industrial greenhouse gas emissions (2000)
 - Reduction of the transport sector's CO2 emissions - possibilities, policies and measures (2000)
 - Reduction of the transport sector's CO2 emissions - the government's action plan (2001)
 - Denmark's national forest programme (2002)
 - Denmark's National Strategy for Sustainable Development (2002)
 - National Climate Strategy for Denmark (2003)
 - Waste Strategy 2005-2008 (2003)
 - Action Plan for the Aquatic Environment III (2004)
 - 1st National Allocation Plan 2005-2007 under the EU-ETS (2004)
 - Energy Strategy 2025 (2005)
 - Action Plan for Strengthened Energy-saving Efforts (2005)
 - 2nd National Allocation Plan 2008-2012 under the EU-ETS (2007)
 - Political agreement on Energy (2008)
 - Political agreement on a Green Transport Vision for Denmark (2009)
 - Political agreement on a Tax Reform (2009)
 - Growth with Consideration – the government's strategy for sustainable development (2009)
 - Strategy for reducing energy consumption in buildings (2009)
 - Political agreement on a Green Growth Plan (2009)
 - Energy strategy 2050 (2011)
 - Our Energy (proposal 2011)

MRV of historical GHG emissions (annually)

- **M:** Aarhus University (Denmark's single national entity under the KP)
- **R:** Sequential reporting by Aarhus University to the EU, UNFCCC and the KP, and by Danish Energy Agency to the minister/government and the Danish Parliament
- **V:** Internal QA/QC at Aarhus University; QA/QC within the EU and reviews under the UNFCCC/KP



More institutions involved in GHG emission projections for NC and policy making

M: Activity data projections involves the following institutions:

Energy projections:	Danish Energy Agency
Transport projections:	Denmark's Technical University
Industrial processes (- F-gases):	Aarhus University
F-gases:	The Danish Environmental Protection Agency
Agriculture:	Aarhus University
Forestry:	University of Copenhagen
Waste:	The Danish Environmental Protection Agency

→ MRV makes institutions work together...

Concluding remarks

- MRV → On-going institutional capacity building and coordination
- MRV → Robust projections and models ensure:
 - Transparency and credibility
 - Stakeholders: Parliament, NGO etc.
 - Solid info on whether we are on track
- MRV → Crucial for designing and implementing national policies and measures
- MRV → Requirement for reliable target setting