

# Multilateral assessment process SBI 43, Working group session III



United Nations  
Framework Convention on  
Climate Change



# Republic of Belarus



Ministry of Natural Resources  
and Environmental Protection



CDP.1/CMP.1  
PARIS2015  
UN CLIMATE CHANGE CONFERENCE

United Nations Climate Change Conference, Paris

# Republic of Belarus

## short introduction

- Population: 9.8 million  
Area: 20.8 million ha
- Location: East-European Plain
- Land of forests, lakes, swamps and rivers
- Unique nature ecosystems
- Mild climate  
Low -8C, High +18C  
Annual precipitation 600 mm
- Borders with Russia, Ukraine, Poland, Lithuania and Latvia





# Republic of Belarus

## in climate change agreements

- Party to UNFCCC (since 2000)
  - Annex I
  - economy in transition
- Party to Kyoto Protocol (since 2005)
  - KP1 QELRO (2008-2012): -8% plus -7% of additional commitment reserve; amendment was not ratified by Parties
  - KP2 QELRC (2013-2020): -12%
- Pledges to “Paris Agreement”
  - INDC (2021-2030): -28%



# Third MA Working Group Session, SBI 43

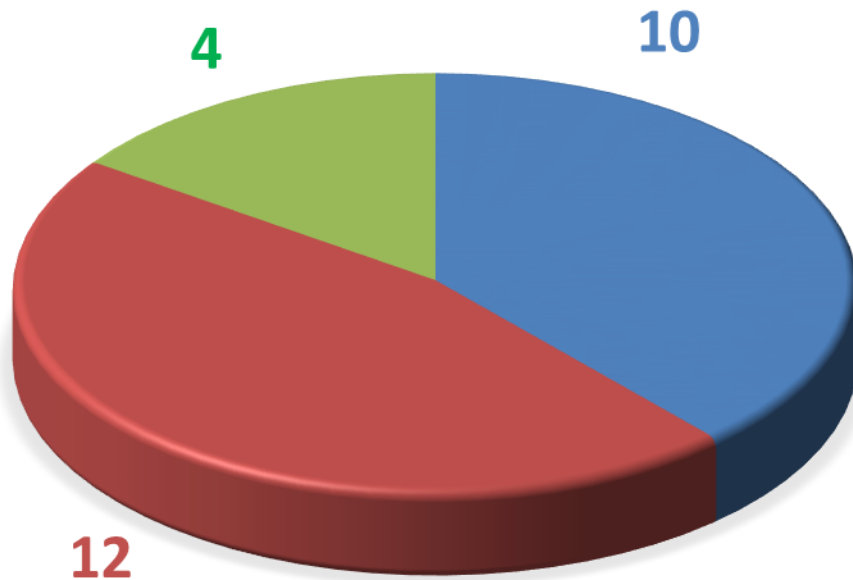
## the session's objectives and progress

- The aim is to assess Belarus' progress in achievement of its quantified economy-wide emission reduction targets
- The Session was preceded by a three-month period of questions and answers in the lead-up to the SBI session
- Questions were submitted via MA-Portal during Sep 1-30, 2015.
- Belarus received 26 questions from 6 Parties (32 countries):
  - China
  - Brazil
  - EU
  - New Zealand
  - Pakistan
  - Saudi Arabia
- All questions were answered before due date
- We are grateful to all Parties involved in the review process



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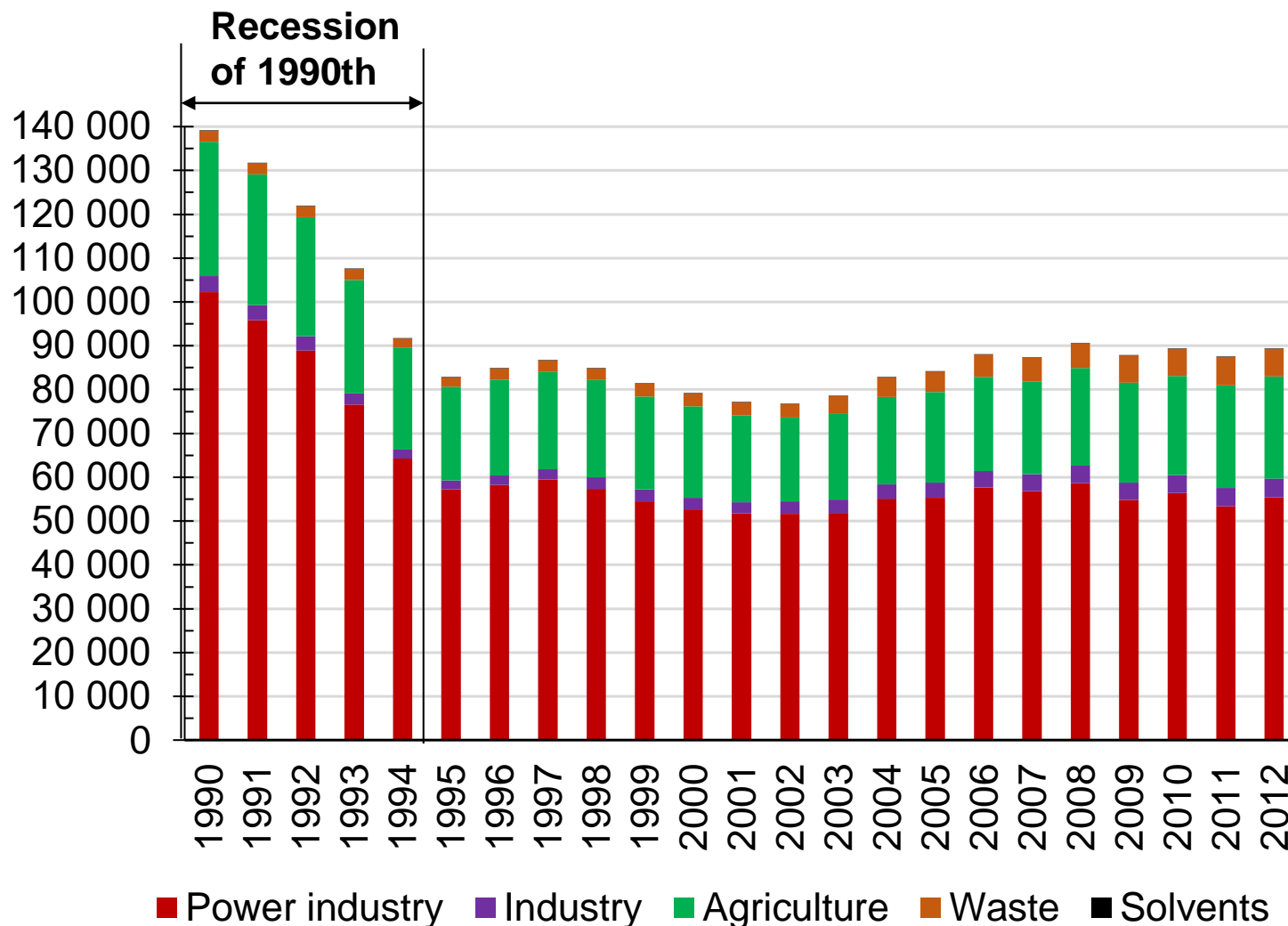
## questions as per categories



- Assumptions, conditions and methodologies related to the attainment of its quantified economy-wide emission reduction target
- Progress towards the achievement of its quantified economy-wide emission reduction target
- All emissions and removals related to its quantified economy-wide emission reduction target

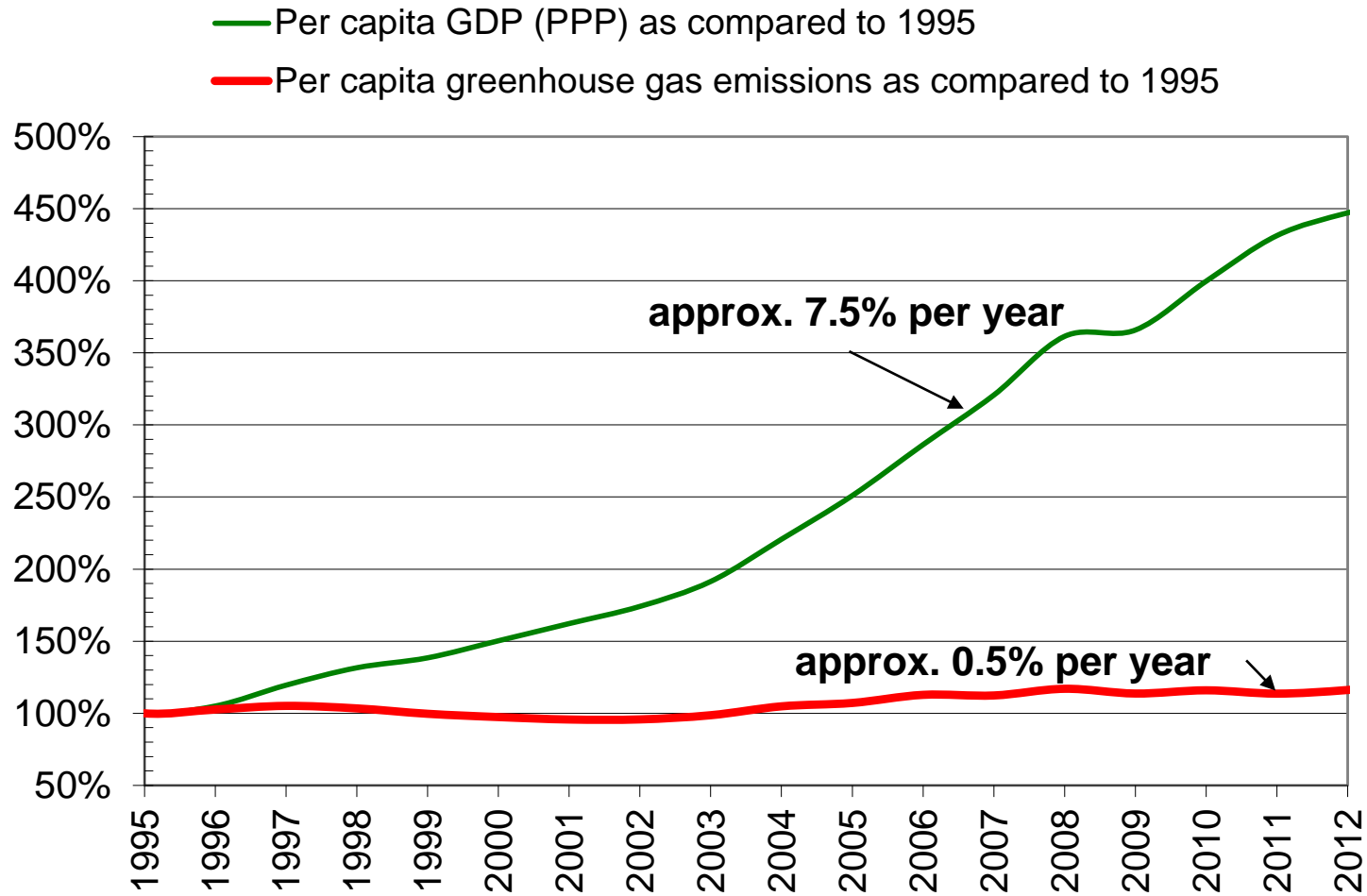
# Assumptions, conditions, methodologies

## GHG emissions by sectors, Gg CO<sub>2</sub>eq



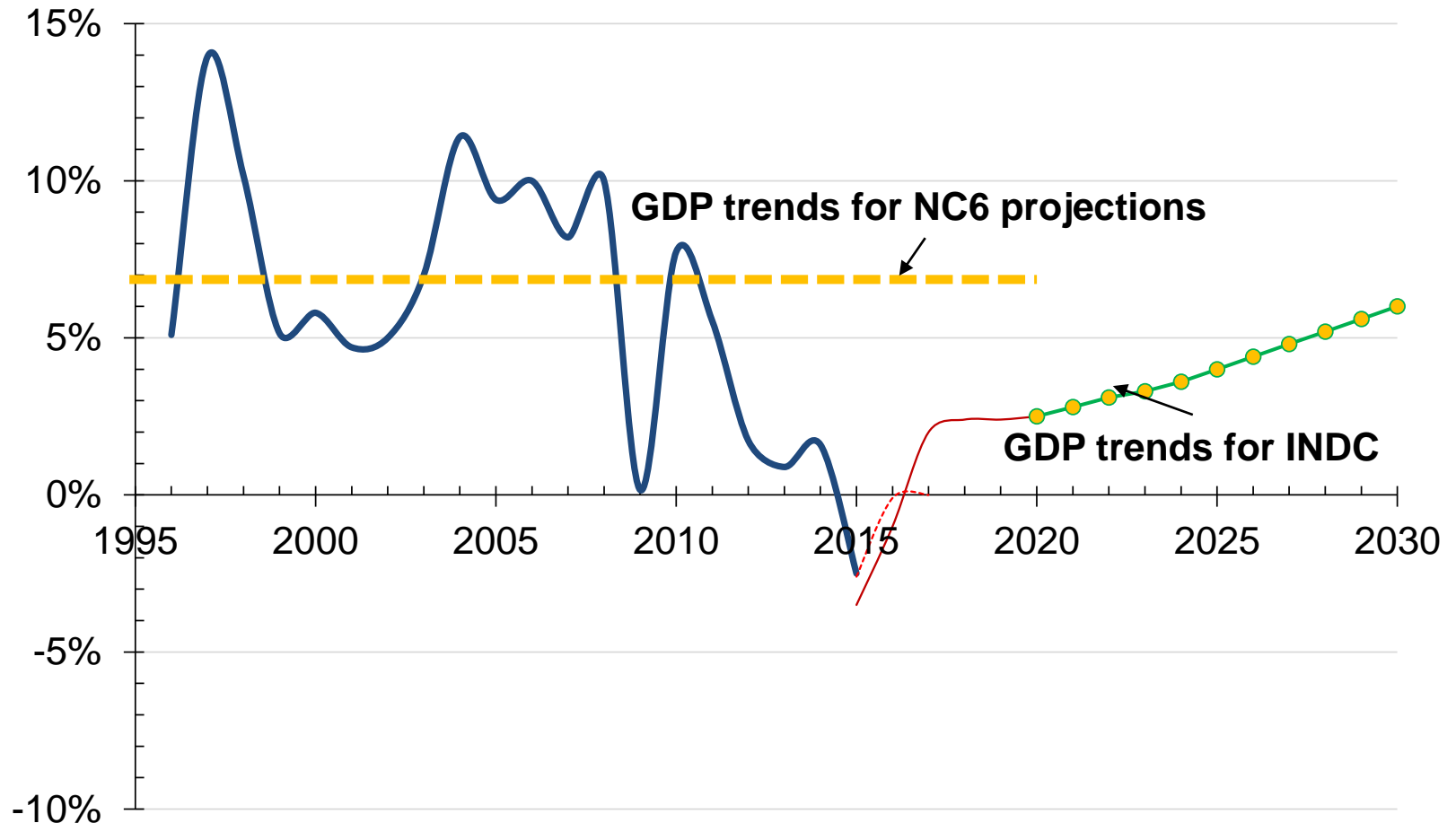
# Assumptions, conditions, methodologies

## decoupling of GHG and GDP after recession of 1990th



# Assumptions, conditions, methodologies

## GDP growth rate after recession of 1990th



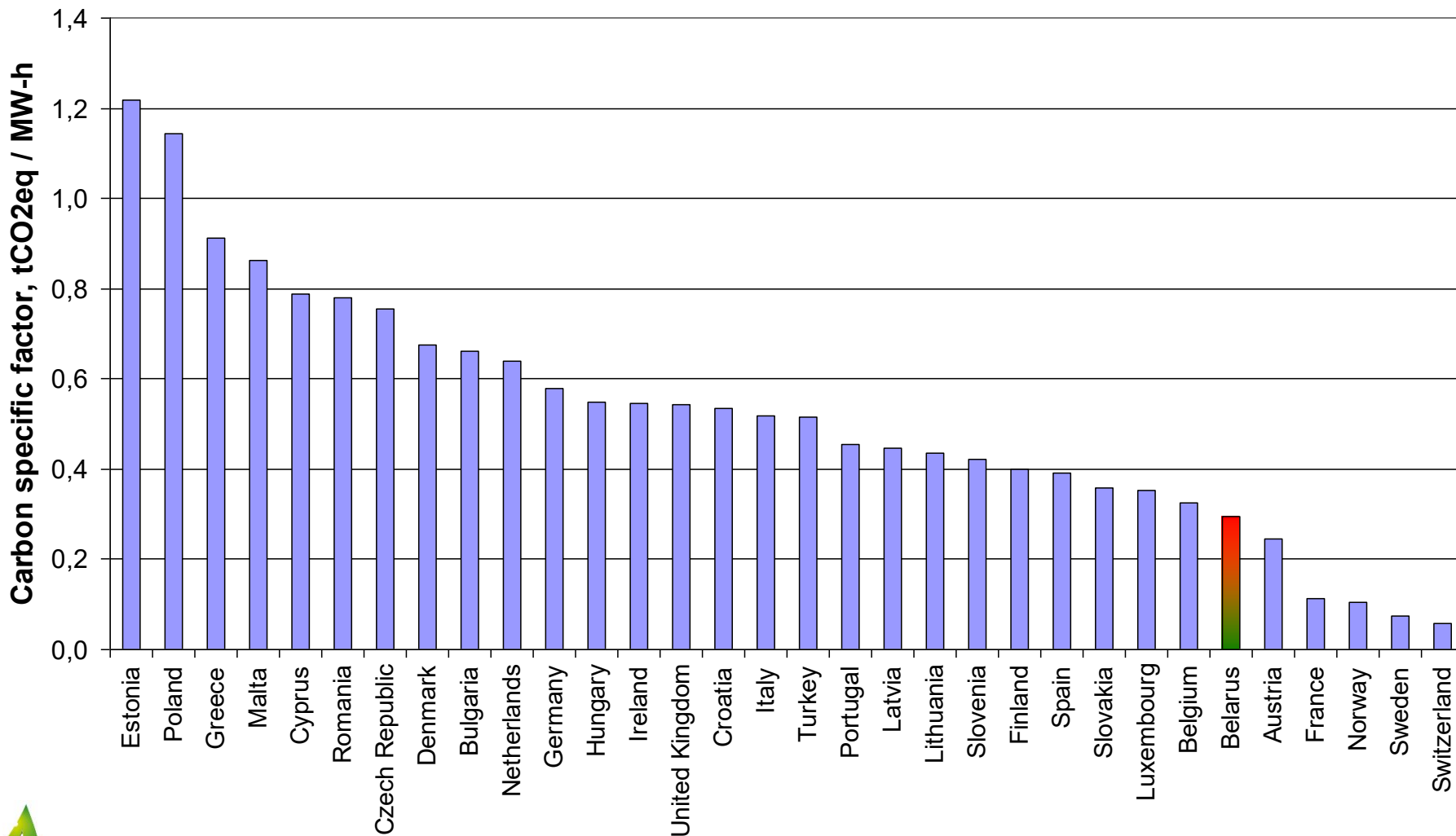
— Current trends — WB projections - - - IMF projection —●— Projections as to National SDS





# Progress towards targets

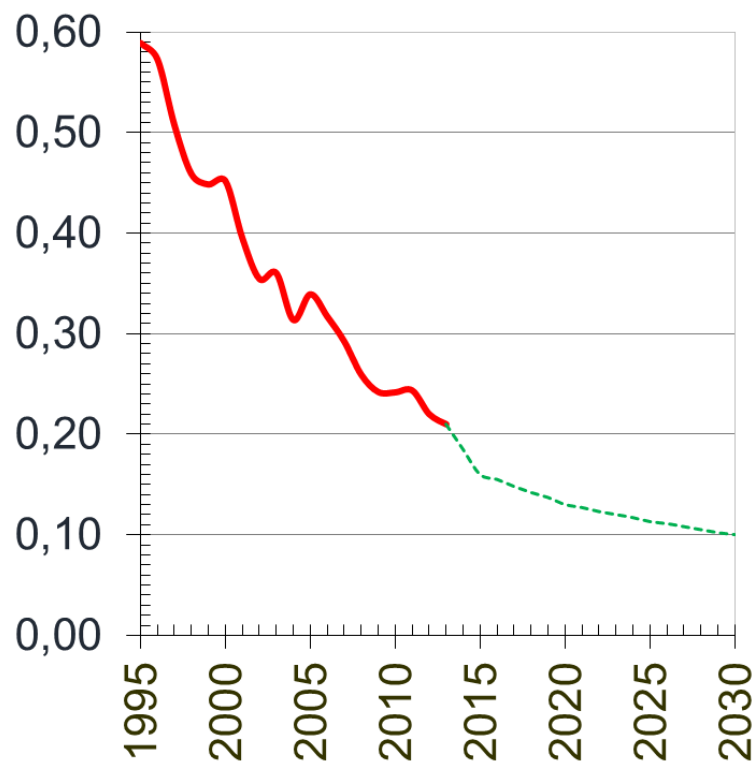
## GHG emission factor for “Energy Sector” in Annex I



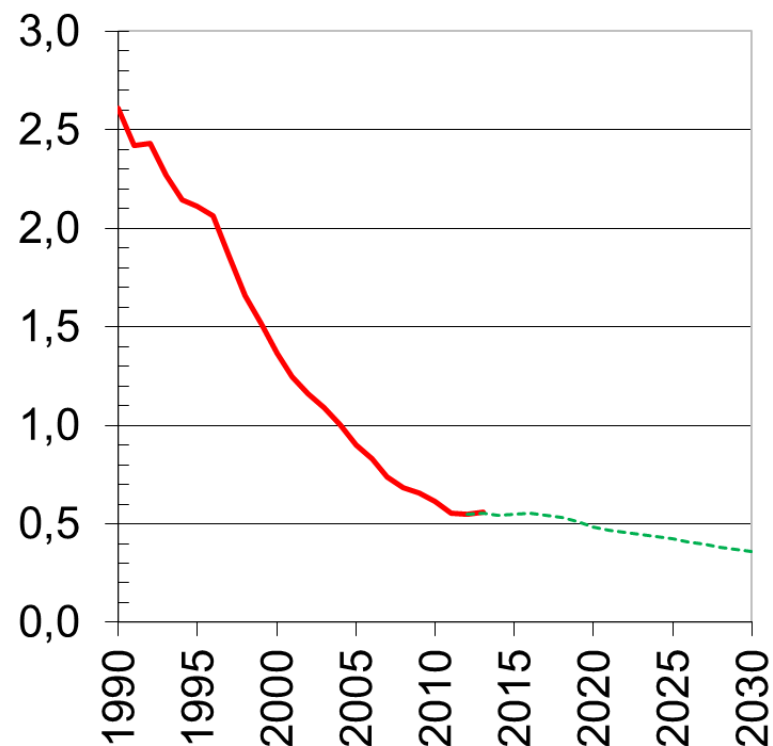
# Progress towards targets

## principal trends

GDP Energy Intensity, toe/1000 USD



GDP Carbon Intensity, kgCO<sub>2</sub>/USD



# Towards economy-wide target

## scenarios

- Renewable Energy Law, enforced in 2010
- Presidential Decree on RES in 2015
- Energy Saving Law, enforced in 2015
- Scenario “BAU”
  - as in a number state programs
  - renewable energy share of 15%
  - GDP energy intensity reduction by 60% compared to 2005
- Scenario “with measures”
  - the same as “BAU” + optimization of energy mix
  - energy efficiency improvement measures to reduce power and heat demand
- Scenario “With additional measures”
  - renewable energy share of full scale (approx. 25%)
  - energy saving in cement and construction industries and housing (50%)
- We acknowledges that there is still high mitigation potential



# GHG emission reduction measures

## barriers for additional measures

- The 1990-1996 economy recessions with sufficient financial losses
- Foreign investments are limited
  - its share is only **6.5%** of GDP, or about 0.68 k\$USD per capita (i.e. by a factor of **10 less** than for other countries in transition in average)
- Other priorities prevail
  - remediation of the Chernobyl affected regions
  - safeguarding of foodstuff supply and power supply security
  - increased use of local fuels, including peat and coal (diversification of fuel supply)
- Limited speed of BAT transfer
- Additional financial resources are questionable:
  - Kyoto mechanisms are not available



**THANK YOU !**



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