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# INOGATE New ITS Project Sustainable Energy Work Program

BUILDING PARTNERSHIPS FOR ENERGY SECURITY

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# INOGATE New ITS Project



## Summary of INOGATE Work Program for Sustainable Energy (Component C)

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*for ITS Component C Communication Workshop  
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# Sustainable Energy



- Sustainable energy is
  1. Energy efficiency (EE)
  2. Renewable energy sources (RES)
- Spend the interest, not the principal.
- Mandate from European Commission: “Improve the environment for investment in sustainable energy (SE).”

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# What ITS offers in SE



- Tools:
  1. Technical assistance (demand driven)
  2. Capacity building
  3. Awareness raising
- Implement from
  - top down
  - and - bottom up

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# Objectives

- Support to Baku Initiative and Eastern Partnership
- Sustainable Energy (Component C):
  - Enable favourable investment climate for RES and EE
  - Raise awareness of EE/RES (public & government)
  - Develop institutional framework for SE



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# Expected results



- Improved capacity of stakeholders in effective SE policies & action plans
- Networking and enhanced exchange of best practices and experiences
- Knowledge transfer and capacity building in RE technologies
  - Tangible and continued benefits

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# Belarus inception findings



- Top-Down
  - Draft legislation, regulations, norms
  - Best practice for development of RES infrastructure
  - Establishment of 1-stop shop
- Bottom-UP
  - Awareness raising – general and targeted
  - Best practice in project development
  - Capacity building - for LFIs & clients on SE investment

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# AHEF Menu



- Development/improvement of Legislative Frameworks
- Development of Energy Auditing in the industrial sector
- Development of Economic Instruments
- Development of SE Policies and Strategies
- Establishment of Energy Agencies
- Determination of potential for EE/ RES
- Investment facilitation

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# Tangible Results (1)



## Increased local and EU investments in the field of RES/EE

- Number of EE/RES investments;
- € invested;
- FDI;
- No of jobs created.

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# Tangible Results (2)



## Further approximation with EU legislation

- No of primary legislation proposed for adoption
- No of secondary legislation proposed for adoption
- No of tertiary legislation proposed for adoption

# Tangible Results (3)



## Political commitments towards the promotion of RES/EE

- RES and EE policies (laws, strategies and action plans) adopted
- RES/EE national investment targets set

# ITS may offer to BY

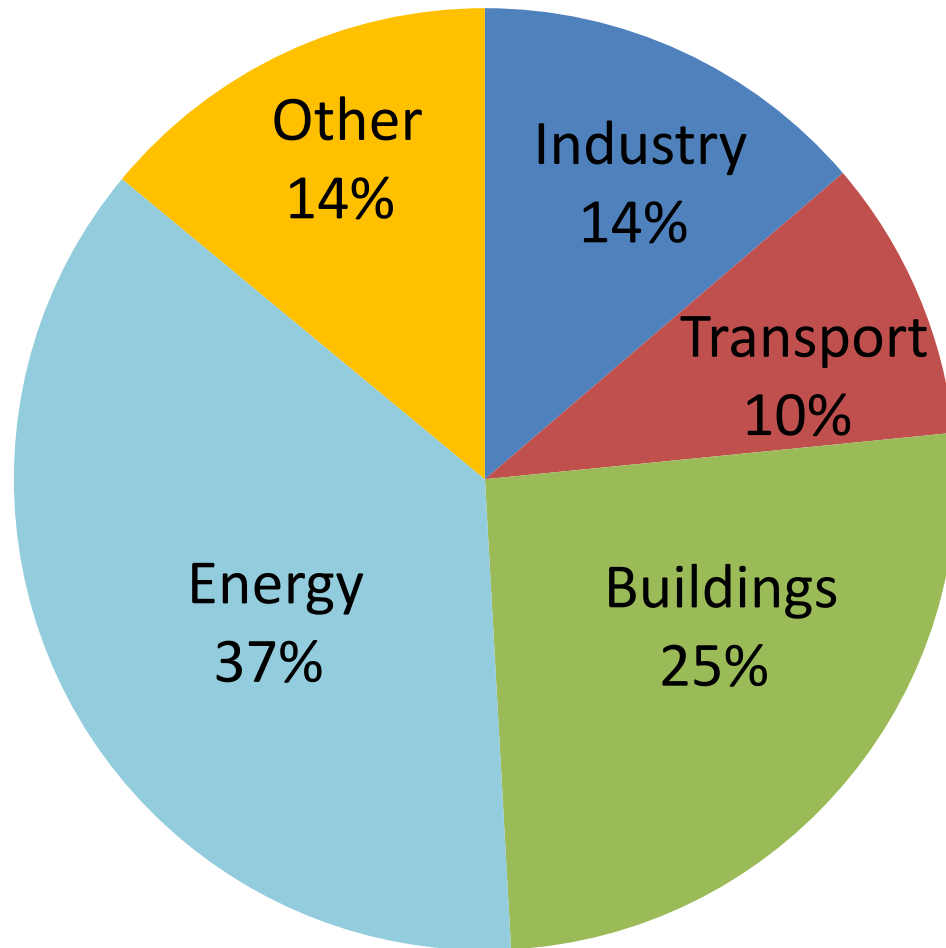


- TA to develop/improve EE & RES legislation (in line with EU Directives)
- TA to assist establishment of 1-stop shop
- Capacity building in SE for local banks
- Awareness raising & TA in largest sector

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# What is the largest sector?



GHG emissions by sector in BY in 2010 (%)

# Results & Indicators



Every ITS action must show concrete results

Task: “Improvement of the current legislation aimed at RES promotion in heat and electricity generation”(AHEF 26.BY)

Beneficiary: Ministry of Natural Resources and Environmental Protection

Indicators:

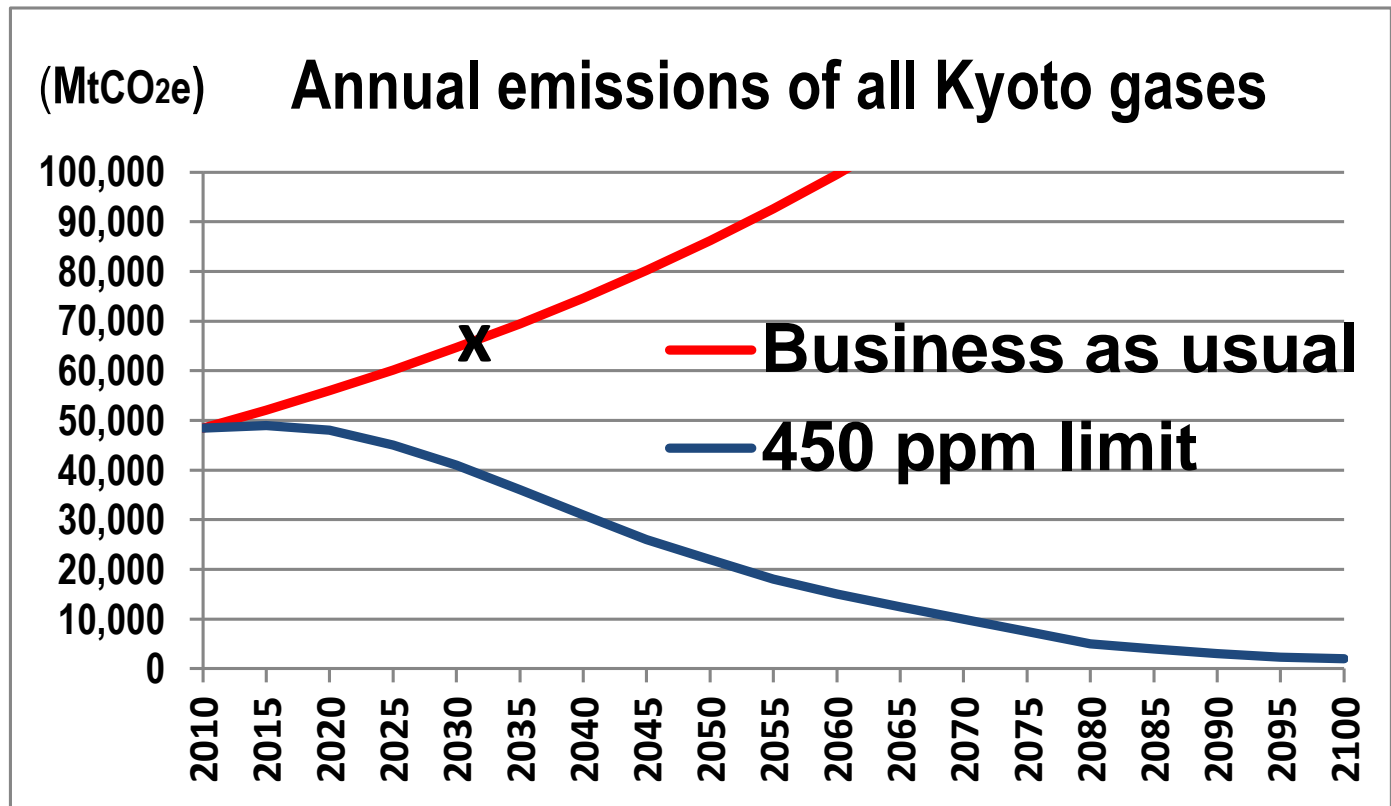
No of primary legislation proposed for adoption - **1**;

No of secondary legislation proposed for adoption - **1**;

# OECD plan shows urgency

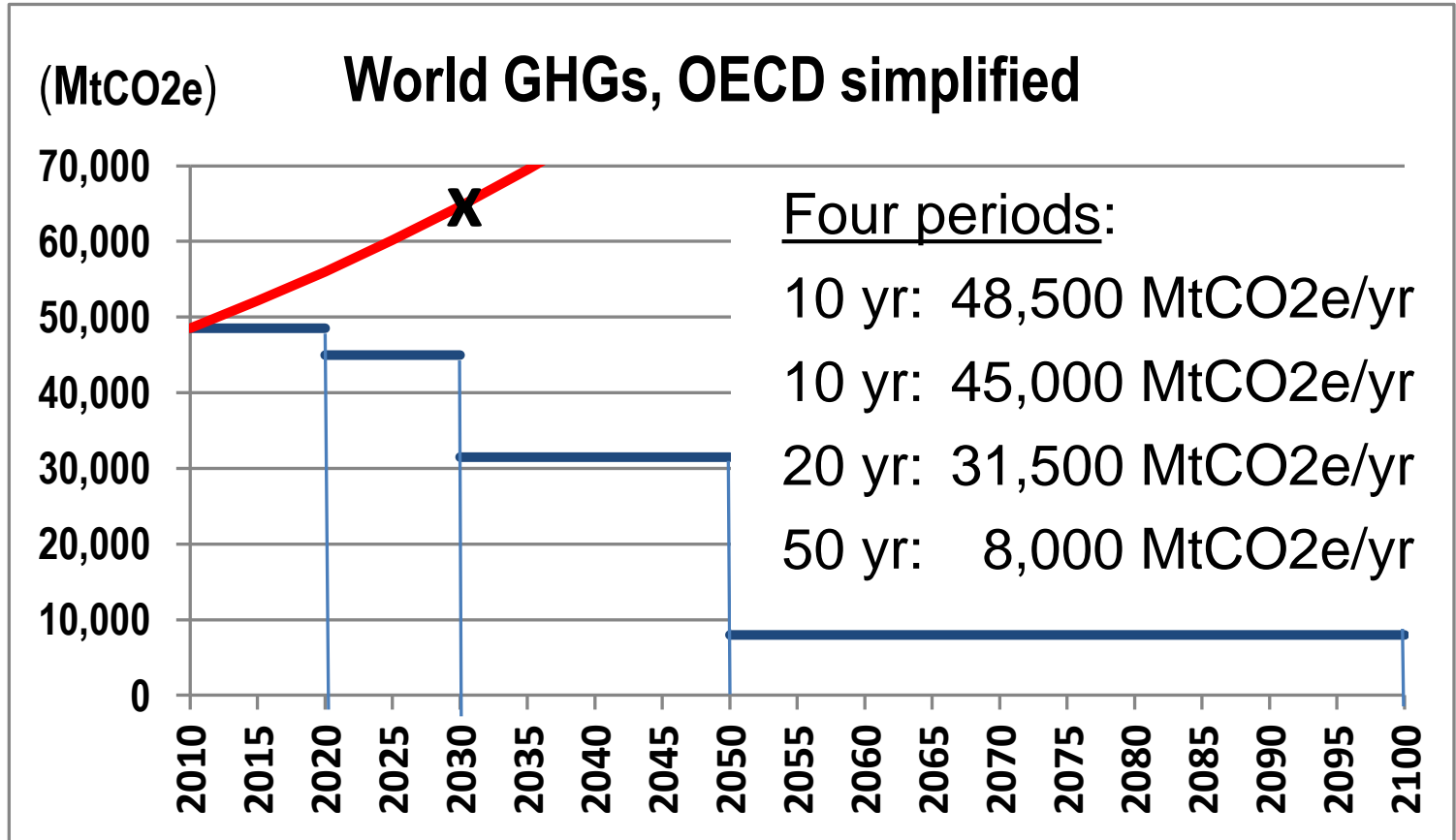


Avoid tipping point (x) with 450 ppm limit.



for BY: € 1,219 million per year

# OECD Plan, Step by Step



Simplified, shown by average in period



# Return on Investment



- Besides the environmental benefit, what can a country expect from SE investment?
- Typical EE investment IRR: 30-100%
- Typical RES investment IRR: 10-30%
- Most SE investments make these returns.
- They are good enough to attract investors.
- Remaining SE investments are public works.

# Who does the work?

## Component C Experts



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