



PROGRAMME FUNDED BY THE EU



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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Key Expert for Sustainable Energy

for ITS Component C Communication Workshop

Tbilisi, 8 February 2013

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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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Georgia inception findings



- Top-Down
 - Assist with primary legislation for energy independence (stakeholder: Parliament)
 - Awareness raising on SE for government
- Bottom-UP
 - Awareness raising campaigns on SE for public
 - SE project analysis, selection and development
 - Project development for LFI and clients
 - Enhanced networking – investors, bankers

Observations



- + GE electricity is ~ 95% from RES.
- EE program in GE not well developed.

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ITS may offer



- TA to develop legislation to support SE
- TA to create action plan with investment targets
- Capacity building in SE for local banks
- Awareness raising & TA in largest sector

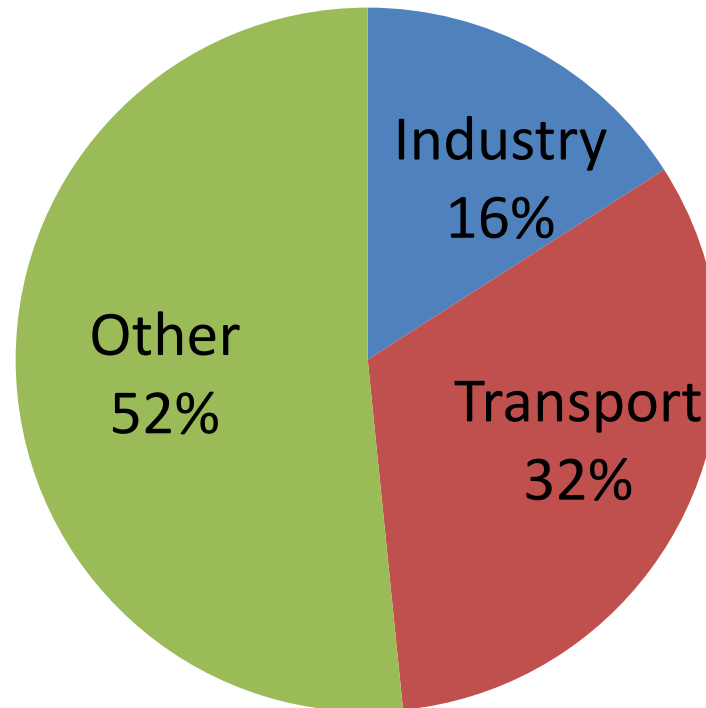
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What is the largest sector?



GE TPES 3189 ktoe



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The Case for Transportation

Automobiles:

- Safe driving (saves lives, too)
- Traffic management
- Biofuel
- Power of regulation

Railroads:

- Passenger transport 50% more efficient
- Freight transport 5 x more efficient



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Activities



- Baseline survey of EE/RES legislation
- Online data base
- Ad hoc expert facility (AHEF)
- Stakeholder mapping
- Communication workshops
- Study tours
- Technical workshops

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Results & Indicators



Rule: Every ITS action must show ***concrete results.***

Indicators:

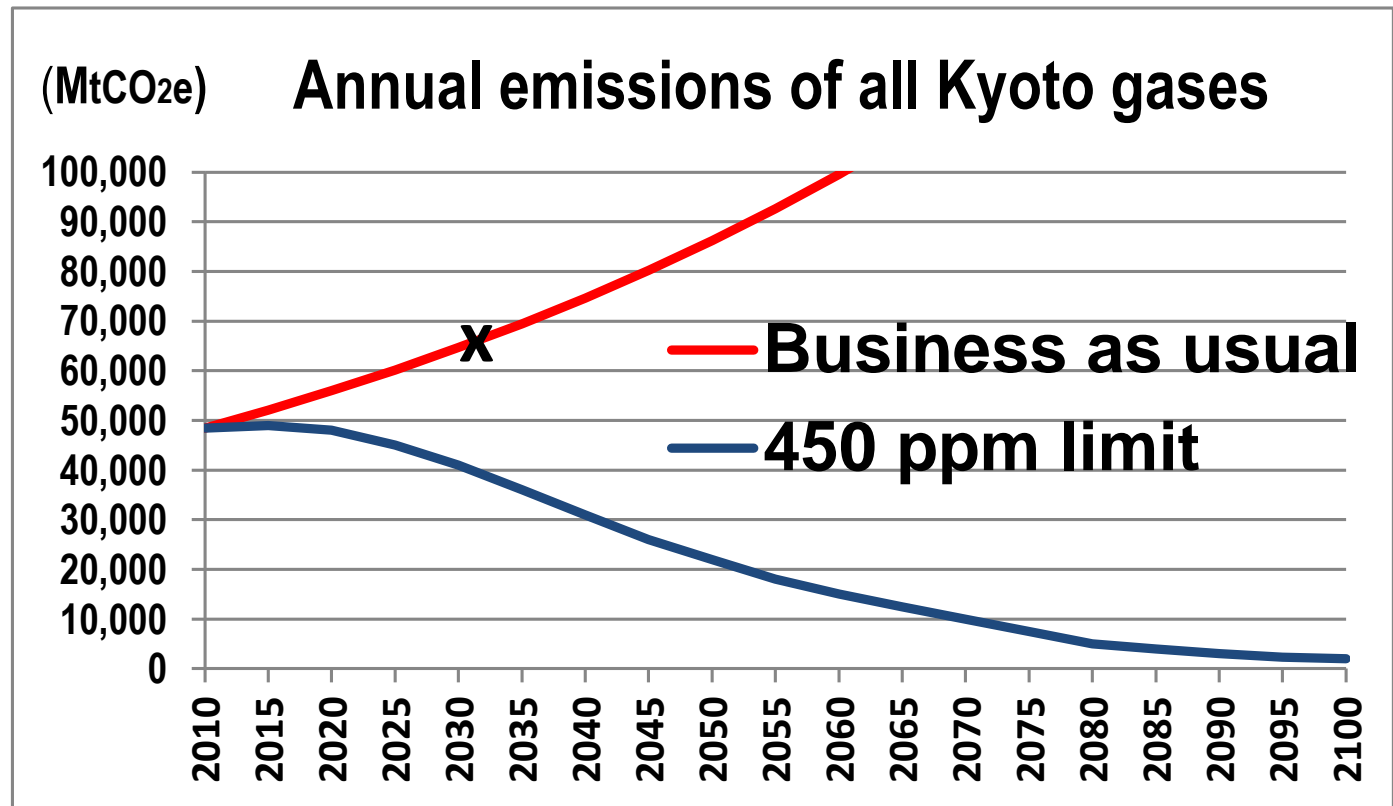
GE-49 - €7.5 million new EE investment
- €5 million new RES investment

GE-51 - Full GE membership in EnC
- New EE and RES legislation

OECD plan shows urgency

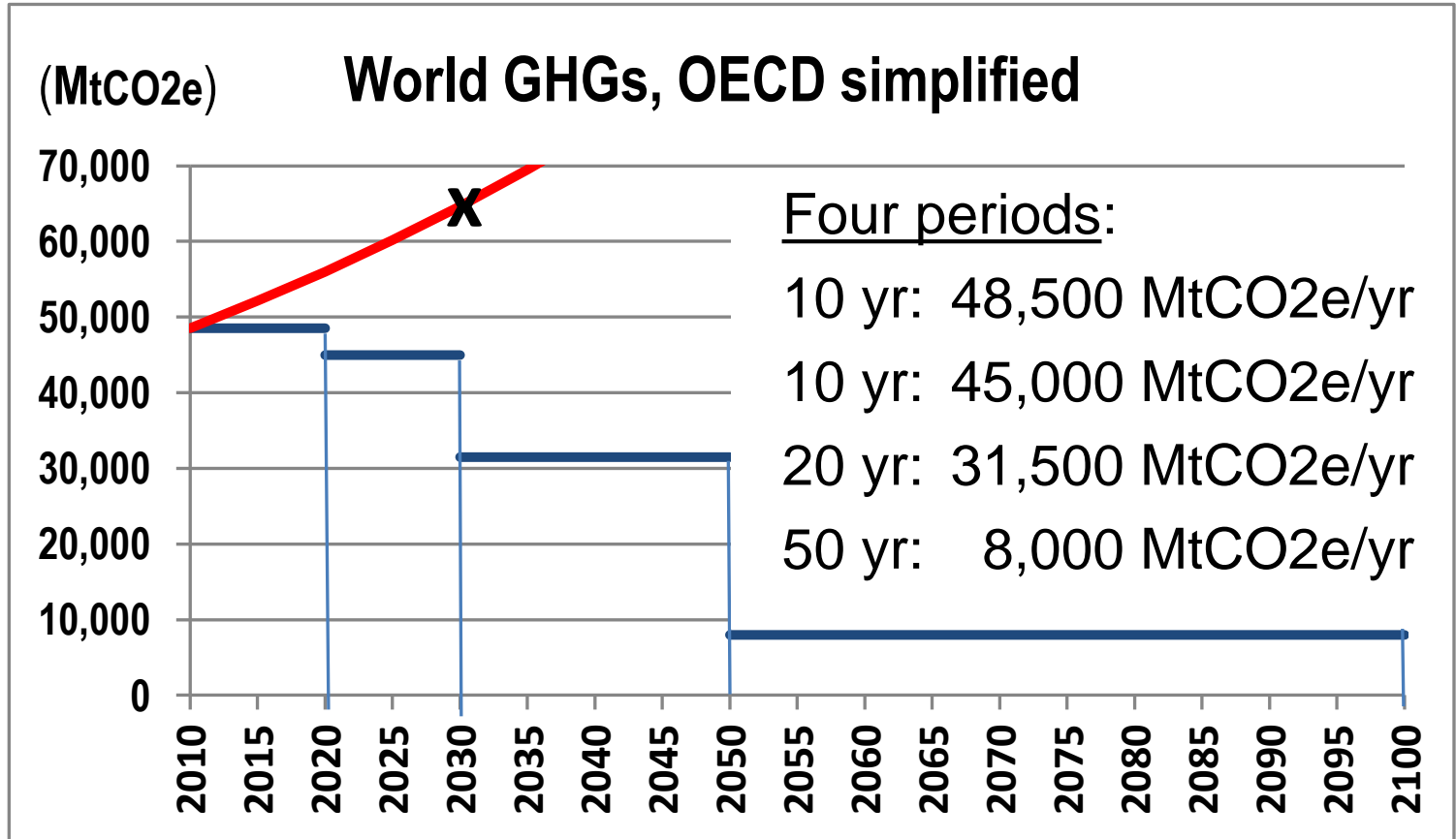


Avoid tipping point (x) with 450 ppm limit.



for GE: € 99 million per year

OECD Plan, Step by Step



Simplified, shown by average in period

Who does the work?

Component C Experts



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Key Expert

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