

# Verification of greenhouse gas emissions in Serbia

Belgrade, June 28 & 29, 2016

WELCOME!



This Project is funded by the European Union



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# Climate change and the European policy framework

Monique Voogt, coordinator WG ETS



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# ECRAN and this training

- ECRAN: The **E**nvironment and **C**limate **R**egional **A**ccession **N**etwork
- Designed to assist (potential) candidates for EU Accession to converge with the EU Climate acquis and with EU climate policies
- Various technical training in Serbia, supporting implementation of the emissions trading system
- Today's focus: the role of verification in the ETS
- Bringing all stakeholders together and prepare for implementation of verification activities prior to the start of the ETS



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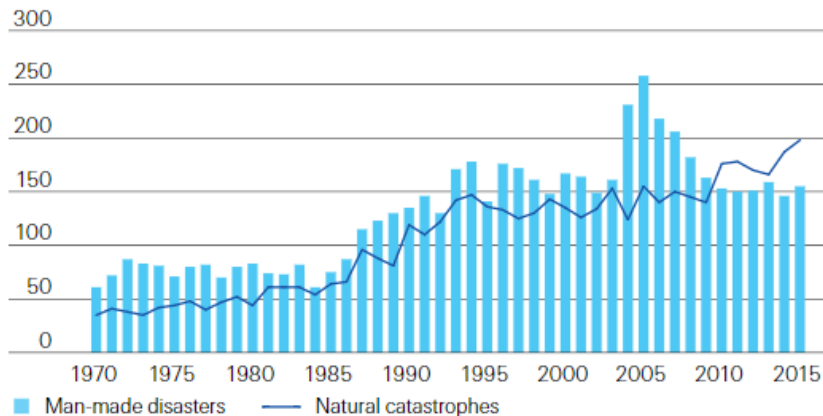
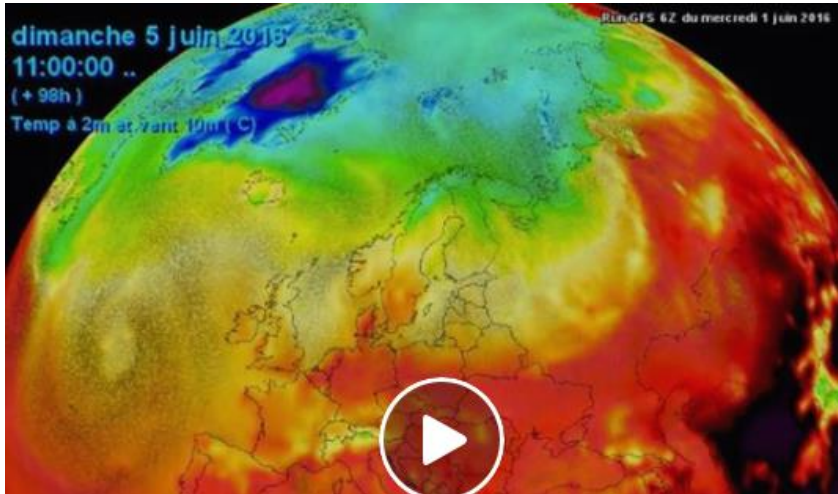
# Speakers

- Ms. Naomi Walker – expert EU ETS, UK Environment Agency
- Ms. Lucy Candlin – UK based experienced EU ETS verifier
- Mr Sven Starckx – experienced EU ETS verifier based in Belgium
- Ms. Danijela Bozanic and Ms Dragana Petrovic – Ministry of Agriculture and Environmental Protection
- ECRAN expert Monique Voogt



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# The challenges of climate change



Source: Swiss Re Economic Research & Consulting and Cat Perils.



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# Other needs to shift to a low-carbon economy

**LOW FOSSIL  
RESOURCES**

**HIGH ENERGY  
COSTS**

**LOW ENERGY  
INTENSITY**

**RESOURCE  
SCARCITY**

**WHY?**

**NEW GROWTH  
SECTORS**

**GLOBAL WARMING**

**COSTS OF CLIMATE  
RISKS**

**JOB CREATION**



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# The Paris agreement

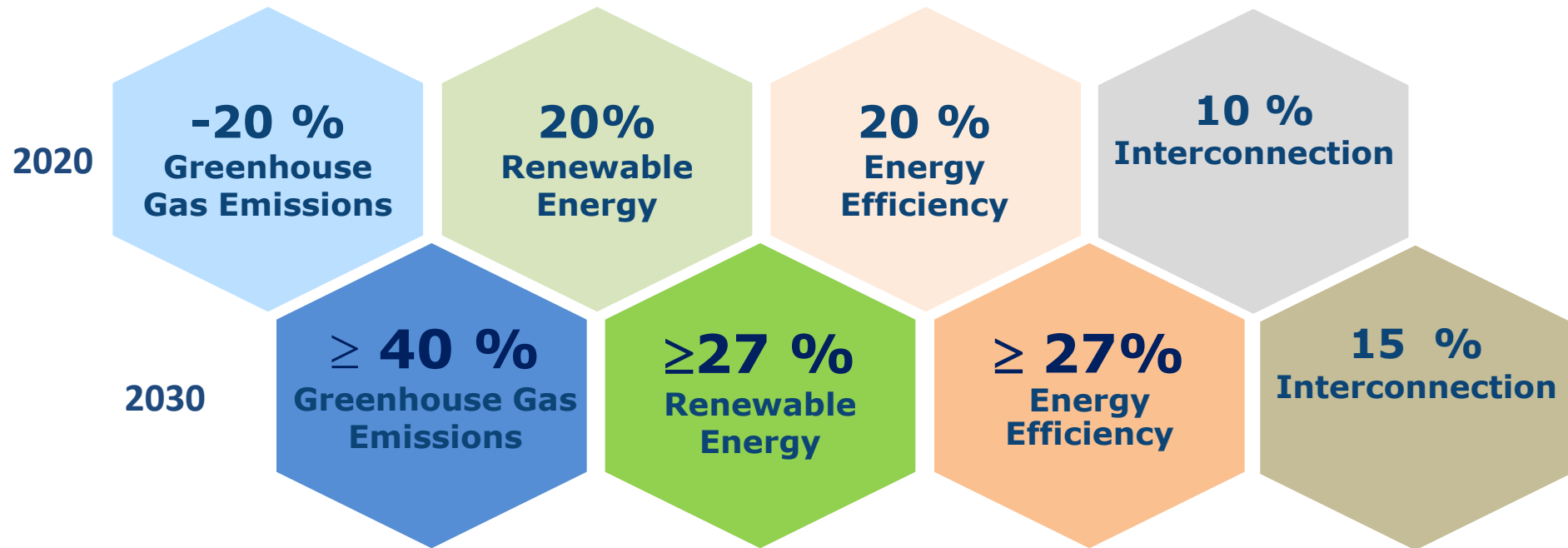
- Adopted by 195 countries (November 2015)
- Aim: keep increase global avg. temperature well below 2°C (and to 1.5°C if possible)
- Global GHG emissions to peak as soon as possible, and rapidly reducing from 2050
- Countries submitted their national climate action plans (INDCs)



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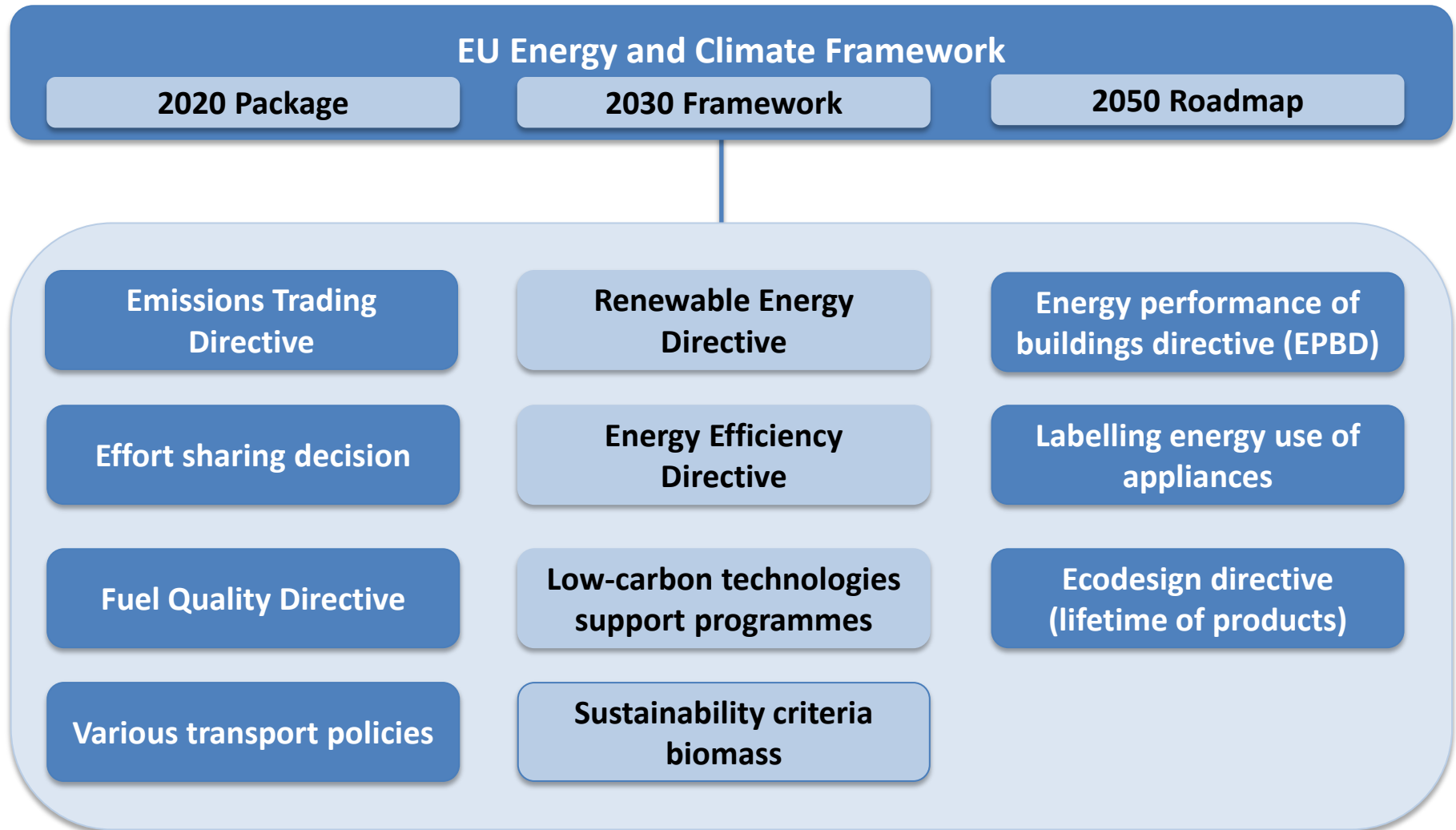
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# How is climate change addressed in EU?



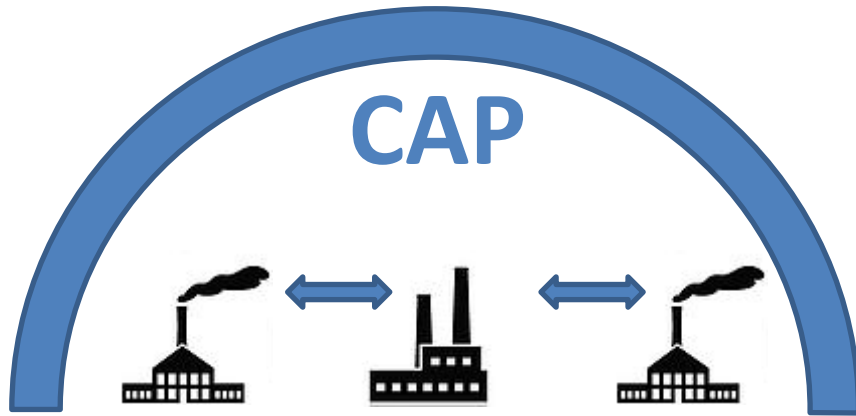
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# EU energy & climate policy framework



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# So why ETS?



## THE EU ETS

- operates in 31 countries (EU-28 +IS+LI+NO)
- Covers more than 11,000 installations
- Targets power stations, energy-intensive industry and airline companies
- Covers  $\pm$  45% of the EU's GHG emissions.

- Sets an absolute cap on emissions
- Creates a financial incentive to invest in low-carbon technologies
- Includes flexibility to reduce now or later, via trading mechanism
- Ensures that emissions are cut where they cost the least



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# Websites

- ECRAN network (includes all slides)  
[www.ecranetwork.org](http://www.ecranetwork.org)
- Commission website on EU ETS:  
[http://ec.europa.eu/clima/policies/ets/index\\_en.htm](http://ec.europa.eu/clima/policies/ets/index_en.htm)
- Detailed guidance on monitoring and reporting:  
[http://ec.europa.eu/clima/policies/ets/monitoring/documentation\\_en.htm](http://ec.europa.eu/clima/policies/ets/monitoring/documentation_en.htm)

