



Biofuels- current status and foreseeable policy developments

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Content

Policy Framework to 2020

- Renewable Energy Directive
- Fuel Quality Directive

Sustainability criteria for biofuels

- Demonstrating compliance
- Greenhouse gas criteria

Outstanding tasks

- Remaining definitions (i.e. highly biodiverse grassland)
- Update of GHG default values
- ILUC proposal



The Policy Framework 2020

Fuel Quality Directive

- 6% greenhouse gas reduction target in carbon intensity of road transport fuels in 2020

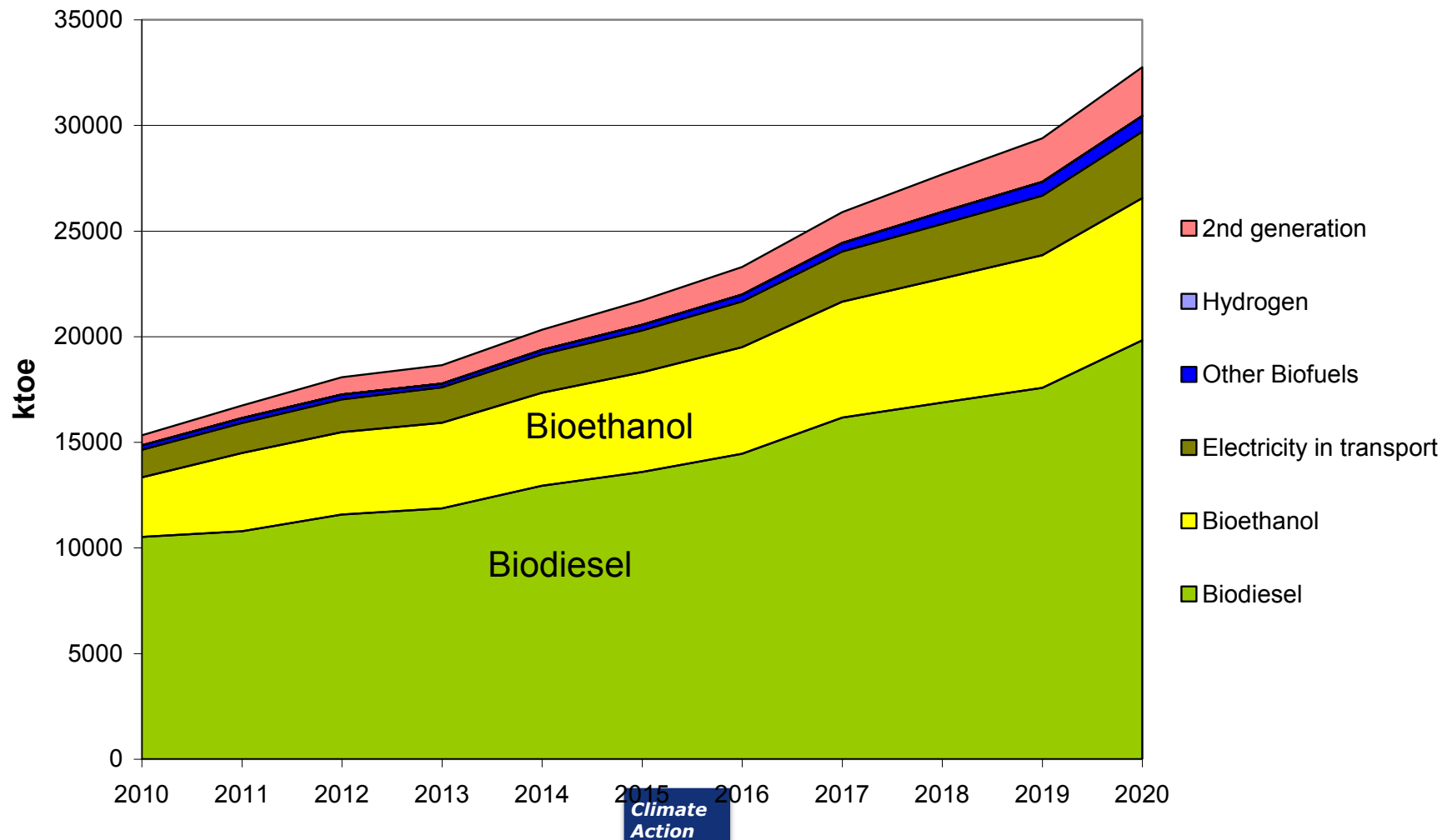
Renewable Energy Directive

- 20% share renewable energy by 2020
- 10% renewable energy in transport by 2020

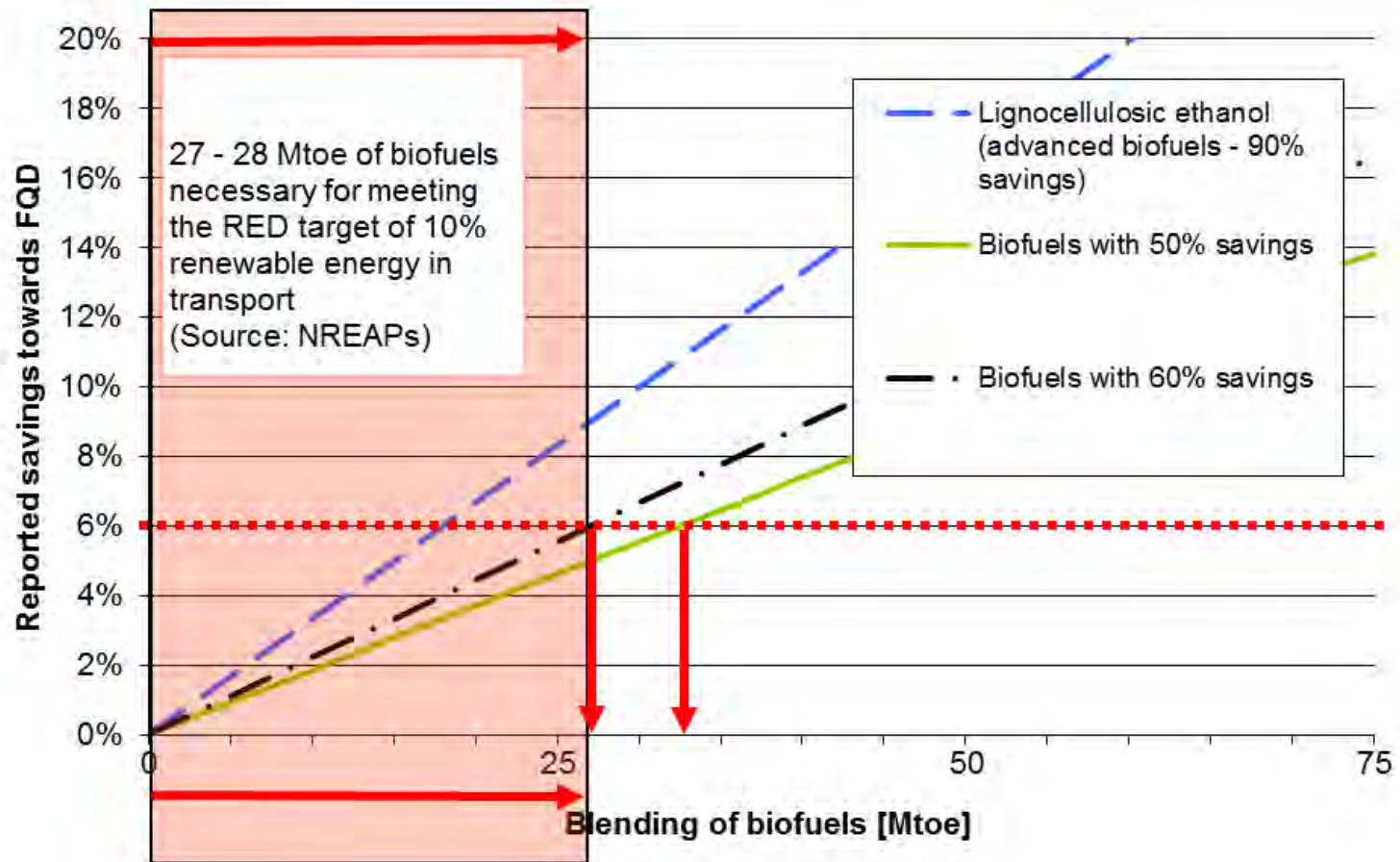
Significant contribution to both targets expected to come from biofuels

NREAPs: RES transport sector towards 2020

Development of renewable energy in transport in EU 27

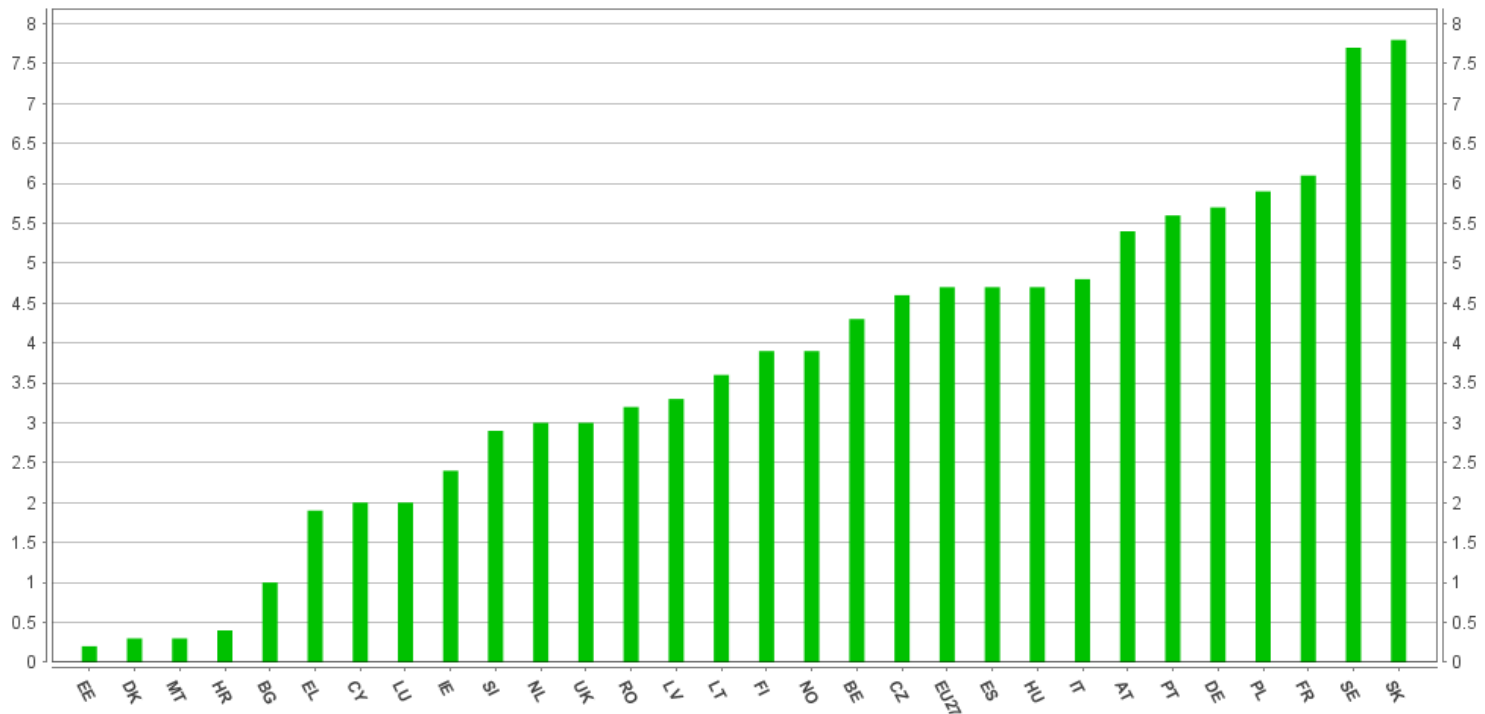


How do the two Directives add up?



RES in transport fuels- EU 2010

%



Source: Eurostat



Sustainability criteria for biofuels

Common to both Directives

Biofuels can not come from land:

- With high carbon stock
- High biodiversity (primary forest etc.)

Biofuels need to save at least 35% compared to fossil fuels, increasing to 50% in 2017 (60% for new installations in 2018)

The GHG criterion

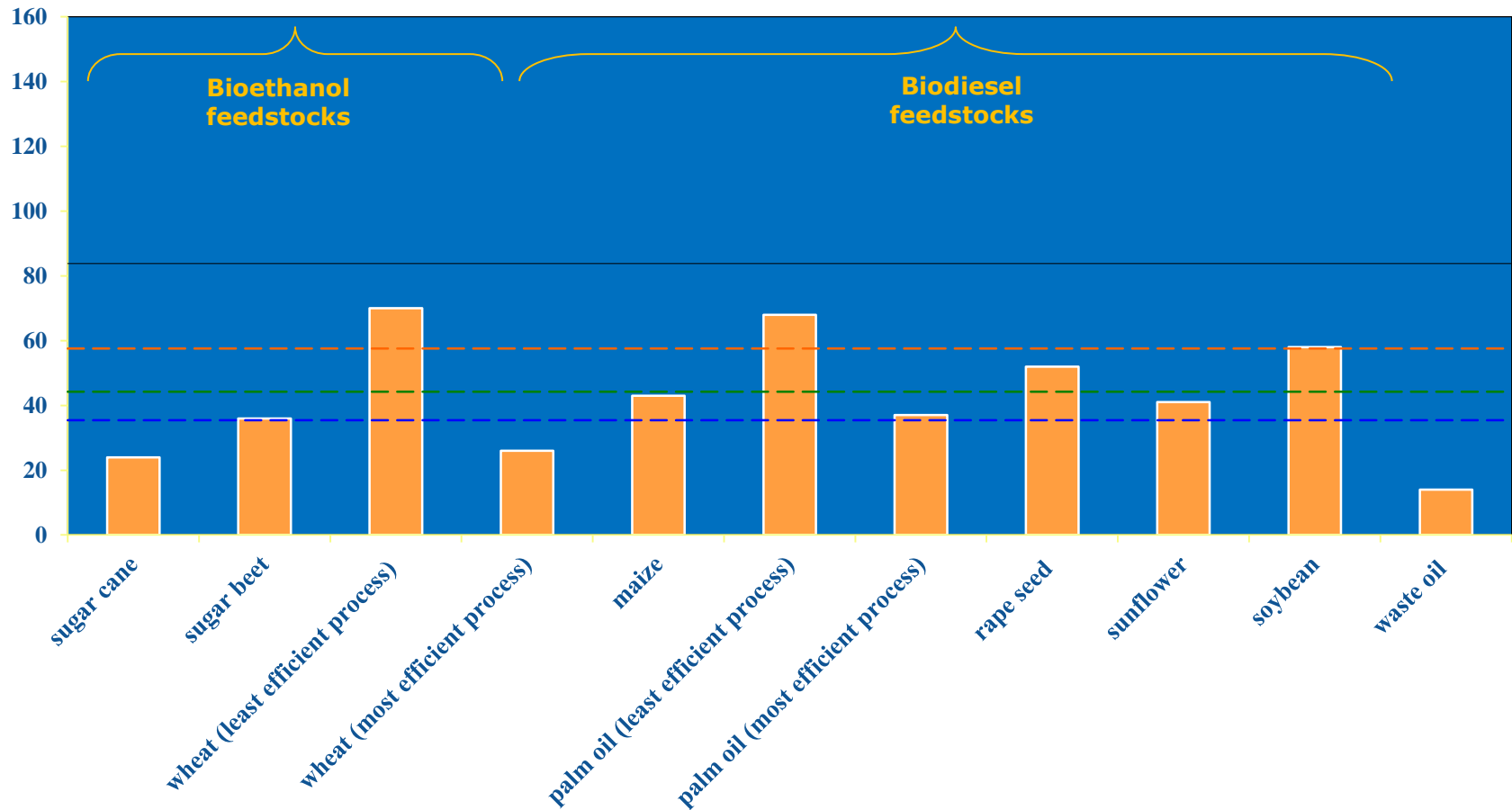
Annex V has a set of default values (cultivation, processing and transport)

Possible to report actual values

Rules for calculating actual values are set out in Annex V, part C

LCA biofuels

cultivation, processing and transport (gCO₂/MJ)





How to prove compliance

Approval by Member State authorities

Bi-lateral agreement (partial or full coverage)

Approval by voluntary scheme accepted by the Commission (access to all Member States' markets)

- » 1. ISCC (International Sustainability and Carbon Certification)
- » 2. Bonsucro EU
- » 3. RTRS EU RED (Round Table on Responsible Soy EU RED)
- » 4. RSB EU RED (Roundtable of Sustainable Biofuels EU RED)
- » 5. 2BSvs (Biomass Biofuels voluntary scheme)
- » 6. RBSA (Abengoa RED Bioenergy Sustainability Assurance)
- » 7. Greenergy (Greenergy Brazilian Bioethanol verification programme)
- » 8. Ensus voluntary scheme under RED for Ensus bioethanol production
- » 9. Red Tractor Farm Assurance Combinable Crops & Sugar Beet (Red Tractor)
- » 10. Scottish Quality Farm Assured Combinable Crops Limited (SQC)
- » 11. REDcert
- » 12. NTA 8080



Outstanding tasks

Remaining definitions (i.e. highly biodiverse grassland)

Update of GHG default values

ILUC proposal (early Autumn)

FQD GHG baseline and fossil fuel methodology

Thank you for your attention

