



European standards for solid biofuels

General introduction

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How new standards are developed

- ◆ CEN – European standardisation organisation or ISO – International Standardisation organisation establish a Technical Committee (TC) for developing standard/s
- ◆ TC has business plan and working items (draft names of standards)
- ◆ Work is usually divided into working groups (WG) and the leadership and convenor of WG is decided by TC
- ◆ Drafting of standards is done in working groups
- ◆ Solid biofuels are developed under CEN/TC 335 and ISO/TC 298, Swedish Standardisation Institute (SIS) acting as the secretariat




- ◆ WG 1 – Terminology (Germany)
- ◆ WG 2 – Fuel specification and classes, fuel quality assurance (Finland)
- ◆ WG 3 – Sampling and sample preparation (the Netherlands)
- ◆ WG 4 – Physical and mechanical properties (Sweden)
- ◆ WG 5 – Chemical analysis (the Netherlands)

- ◆ Countries participating form national mirror committees, which include different stakeholders
- ◆ Mirror committees comment draft standards and vote on them (yes, no or abstain)

How can you participate

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- ◆ Join national mirror committee
- ◆ You can also be nominated by your standardisation organisation as a national member of some working group
- ◆ All draft versions of standards are distributed to WG members
- ◆ The best way to influence is to participate in WG's!
- ◆ Usually also national mirror committees receive draft versions and can comment them
- ◆ Note: distribution of draft standards is only allowed to WG's and mirror committees

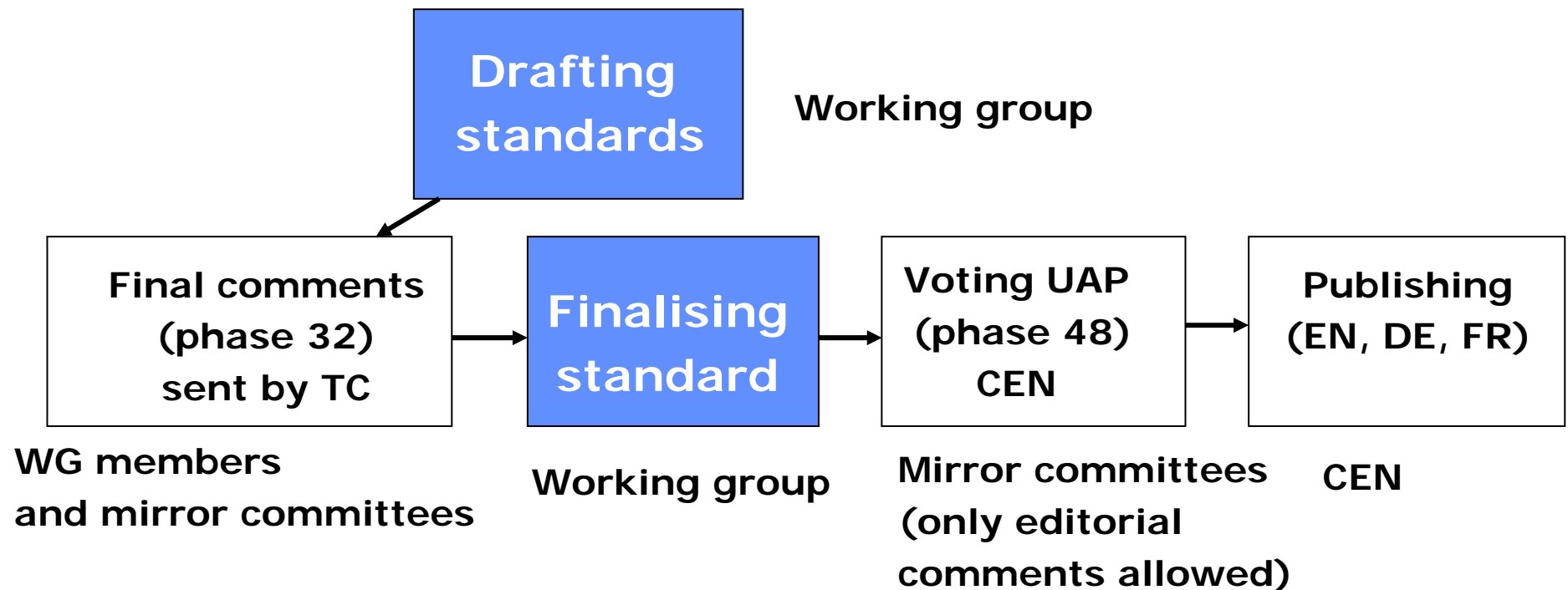


CEN/TC 335 – Working group 2 meeting in Athens September 2008

Photo: Emmanuelle Scoditti, ENEA

Phases in the development of CEN standards

- ◆ Usually technical specifications (=pre-standard) will be produced in the first phase
- ◆ Development of standards is a long, several years process
- ◆ Main work is done in working groups



What are technical specifications contra EN-standards?

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◆ **Technical specifications (TS)**

- Are pre-standards and they are in force 3 years after publishing
- 3 years for “testing” of these pre-standards
- Planning procedure is similar to EN standards, time can be shorter
- You can use national standards at same time

◆ **EN-standards (EN)**

- National standards have to be withdrawn or adapted to EN standard
- Upgrading of TS to EN standard is on-going for solid biofuel during 2007–2009
- Supporting research project BioNormII (www.bionorm2.eu)

Additional information

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