

**European Technology Platform
Zero Emission Fossil Fuel Power Plants
(ZEP)**

**Åpent møte om
sentrale elementer og problemstillinger**

Oslo, 15. juni 2006

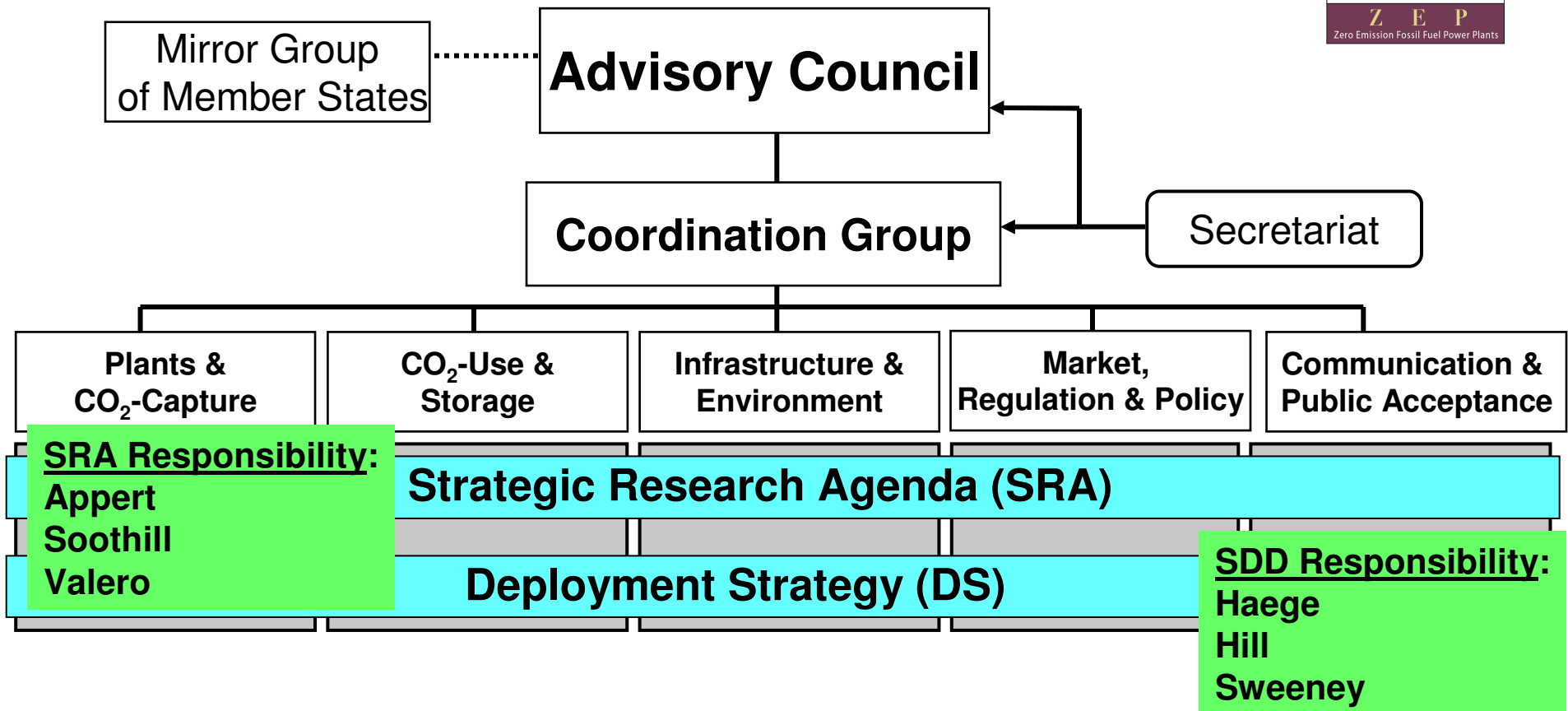
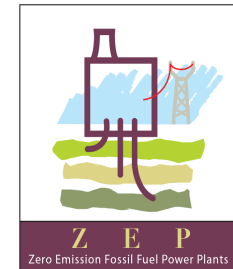
Agenda



BELLONA

- **Status for Teknologiplattformen**
- **Informasjon om *Strategic Deployment Document* (SDD)**
- **Diskusjon og innspill til SDD**
- **Pause**
- **Informasjon om status for *Strategic Research Agenda* (SRA)**
- **Diskusjon og innspill til SRA**
- **Oppsummering og videre arbeid**

SRA/SDD Overseeing Responsibility



SDD – Strategic Deployment Document



BELLONA

Vision

To enable European fossil fuel power plants to have zero emission of CO₂ by 2020



But how do we get there?

SDD – Strategic Deployment Document



BELLONA

How to ensure deployment of ZEP:

- Establish EU-level guidance on commercial **incentives** for deployment
- Establish a **regulatory framework** for the geological storage of CO₂
- **Reduce risk** for early movers
- **R&D funding** to ensure reduced capture cost
- Funding of large scale **pilot projects**
- Ensure **public acceptance**

SRA – Strategic Research Agenda



BELLONA

Research agenda

- Establish coordinated R&D programs
- Learning by doing; building large scale pilot projects
- Investigating innovative advanced concepts
- Explore synergies between European R&D and other international programs
- etc

Research topics

- Storage site characterization
- Reservoir modelling
- Environmental impacts
- Transport
- Materials
- Plant design
- Pre-combustion
- Post combustion
- Oxyfuel
- etc

Which subjects are *important research gaps* and which are just *nice to know*?