



# Cluster 3

ECOserve

# Clusters, ECO-SERVE

- Cluster 1 – Use of wastes as secondary fuels and raw materials for cement clinker production
- Cluster 2 – Production and application of blended cements
- **Cluster 3 –Aggregate and concrete production**
- Cluster 4 - Pavements

# Cluster 3, Principal Contractors

- DTI - Danish Technological Institute, Concrete Centre, Denmark
- Franzefoss Pukk AS, Norway
- IBRI - Icelandic Building Research Institute, Iceland
- NCC AB, Sweden

# Cluster 3, Members

- Denmark
- Greece
- Hungary
- Iceland
- Italy
- Norway
- Poland
- Slovakia
- Slovenia
- Spain
- Sweden



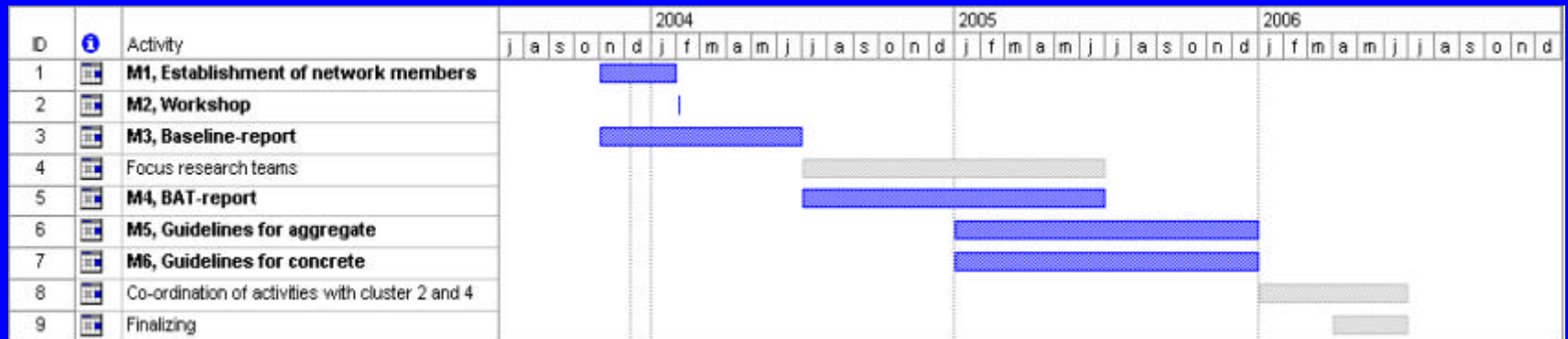
# Cluster 3, Objectives

- Contribute to a reduction of the environmental impact of concrete and aggregate production: to make them more cost-effective while improving or at least maintaining the technical performance
- Perform mapping activities in the field, i.e. establish an overview/inventory of stakeholders, record their views, obstacles towards environmentally friendly production technologies and to co-ordinate national and European research activities in the field

# Cluster 3, Milestones

- M1 Establishment of network members
- M2 Workshop
- M3 Baseline-report
- M4 BAT-report
- M5 Guidelines for aggregate
- M6 Guidelines for concrete

# Cluster 3, Time Schedule



<http://www.eco-serve.net/>

# Reimbursement

- Verified travel and related subsistence costs in conjunction with a number of workshops regarding Cluster 3 (note only Cluster 3) would be reimbursed
- Max 5 000 €(first year 1 500 €, second year 1 500 € and third year 2 000 €)
- Other costs like personnel, computing, overheads etc. would not be reimbursed
- Reimbursement in the end of 2004
- Cost statement before 2004-10-15

# Reimbursement

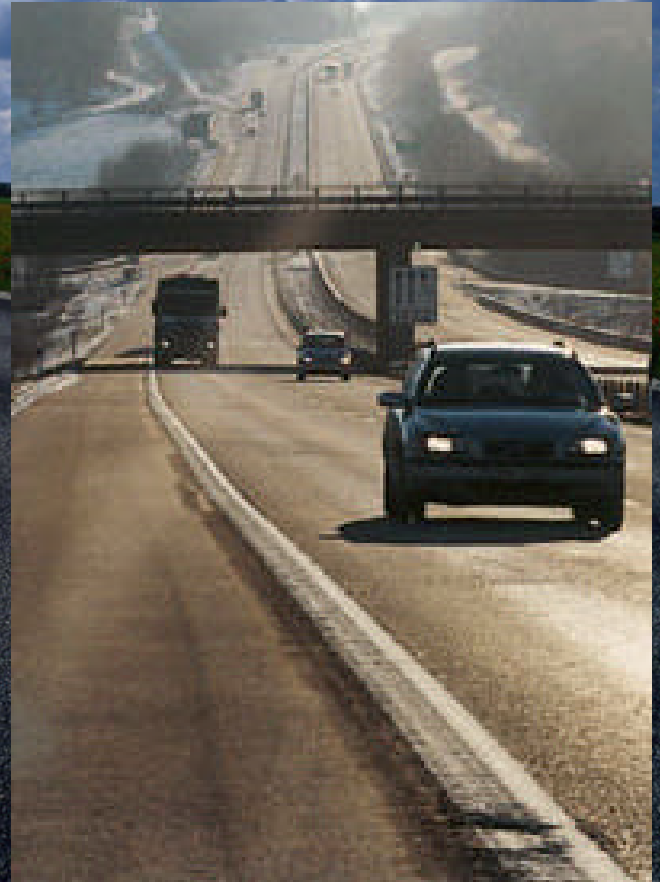
- The transfer from the coordinator to the recipient will take place in EURO to the recipients account (preferable in EURO)
- I will send you a request asking for following:
  - Name of bank
  - Account no
  - Account holder
  - IBAN (International Bank Account Number)
  - BIC (Bank Identifier Code, often called Swift code)

# NCC AB



# NCC Roads AB

- Aggregate
- Asphalt
- Ready-mixed concrete
- Paving
- Road services
- Road maintenance
- Traffic safety



# NCC AB

- **NCC had annual sales of €4.9 billion in 2002, with 25,000 employees.**
- **NCC is active throughout the value chain in its efforts to create environments for work, living and communications. NCC develops residential and commercial property projects and builds offices, industrial facilities, housing, roads, civil engineering structures and telecommunications infrastructure. NCC also offer input materials used in construction, such as aggregates, asphalt and readymixed concrete and conducts paving and road-service operations.**
- **NCC's geographical focus is on the Nordic region. In selected markets, NCC also undertakes largescale, technologically advanced civil engineering projects.**