



**Teknologisk Institutt**



Teknologisk institutt

Teknologisk institutt AS - International projects  
[www.teknologisk.no](http://www.teknologisk.no)

# The National Institute of Technology, Norway



- Assist companies with competence and technology
- Focus on profitable solutions to customer challenges - creating assets and tailoring
- 240 employees in Oslo, Kongsberg, Stavanger, Ågotnes, Lødingen, Raufoss and subsidiary in Stockholm, Sweden

# Business Areas



- **Business Development**
  - consultancy, courses, training programs
- **Product Development**
  - consultancy, testing, technological crossover from national and international R&D programs
- **Third-Party Services**
  - testing, analyses, calibration, certification



# TI & EU-projects

- ✓ Ti is now involved in more than 50 CRAFT/Collective and other EU projects with more than 250 European industrial partners.
- ✓ More than 25 CRAFT proposals and 1 Collective Research proposal developed through the TI - concept have all passed EU requirements.
- ✓ Main areas include aquaculture, water treatment, material technology, sustainable energy and environmental technologies.
- ✓ High success rate of project applications

# ”Research for SME Associations” - type of project

- SME IAG (industrial association grouping dominated by SME’s) do initiate the project and is the formal project coordinator. The project aims a developing technical solutions to problems common to an industrial sector (i.e. broader perspective than the participating partners).
- R&D projects with a duration 36 months - total budget 1,5 - 4,0 mill Euro
- Consortium does consist of:
  - 3-5 SME IAGs (minimum 3 national or one European) - (of which one is the formal coordinator)
  - 2-5 SME Core Group (minimum 2) partners - EU definition of SME < 250 employees and some other requirements (turnover/balance).
  - 3-5 (minimum 2) Research&Development Institutions (RTD)
  - In addition large enterprises can participate (not dominating role)
  - Hence, totally 10 - 15 partners in the ”wider” Europe

# ”Research for SME Associations” - type of project

- Types of Activity in the R4SME Ass. projects:
  - Research and technological development activities (RTD) forms the core of the project with a major contribution from the RTD partners. Industrial partners (SME IAG and SMEs) focus on specifications, testing, validation and use of results.
  - Demonstration activities (Demo) are designed to prove the viability of new technology to a broader audience (e.g. testing of ”product-like prototypes”)
  - Other activities (Other) facilitate the take up of results by the SME IAGs and SMEs, in particular training and dissemination/ exploitation
  - Management Activities (Manag)
- R4SME Ass. projects are very commercially focused compared to other types of R&D projects.

# ”Research for SME Associations” - type of project

- RTD are remunerated 100 % of their costs and are ”subcontractor” to the partners of IAG’s and SME’s
- SME AG/SME have the IPR (interlectual property right) of all project results
- SME AG/SME partners and their responibilites and rights are regulated in a ”Consortium Agreement”
- Total EU grant is approximately 75 % of total project budget. The project budget does consist of:
  - Approximately 25 % un-paid ”inkind” contribution (work-hours) by the SME IAG/SME partners (and others/end users)
  - Approximately 75 % EU grant (to finance/subcontract R&D activities)
  - Hence, 1 Euro in in-kind contribution is matched with 3 Euro of EU grants to purchase R&D services
- SME IAG/SME partner contributions in the R4SME Ass projects:
  - Main contribution is un-paid work-hours (project work-hours = normal activity)
  - Favourably calculations of value of work-hours
  - SME IAG/SME partners receive a minor grant to cover direct expenditures (travels, consumables etc.).

# EU projects - the role of National Institute of Technology, Norway:

## ● Evaluation of concept/idea:

- Evaluate the concept/idea based on the criteria of the specific type of EU programme.

## ● Preparing of the project proposal:

- Prepare the complete project proposal (in close cooperation with project partners) for submission at a specific call. The work include recruiting partners into the consortium)

## ● Contract negotiations:

- After favourable evaluation - assist in contract negotiations with EU.

## ● During the project period:

- Assist the formal coordinator especially with regards to reporting to EU
- Perform R&D activities in the project.