



GROWTH PROGRAMME - KA3

The relevance of passenger safety in the European Research Programme for Marine Technologies

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Critical technologies for :

Technology platforms

3.1.1
ECONOMIC, CLEAN, EFFICIENT, INTELLIGENT VEHICLES ▼

3.1.2
INNOVATIVE & SAFE VEHICLES ▼

3.1.3
HUMAN-VEHICLE INTER-ACTION ▼

3.2.1
ADVANCED SHIPS & VESSELS ▼

3.2.2
USE OF THE SEA FOR TRANSPORT OPERATIONS ▼

3.2.3
RATIONAL & SUSTAINABLE MANAGEMENT OF THE SEA ▼

- Ultra-low/zero emission
- Low-mass Structures & components
- Vehicle optimisation
- Noise & vibration
- Aerodynamics

- Active & Passive Safety
- Maintenance
- Health/usage monitoring
- Whole life-cycle costs

- Efficient driving
- Enhanced Mobility
- In-cabin environment

- Design & production,
- Safety
- Clean & efficient ship

- Ship operation efficiency
- Handling and transhipment

- Unmanned survey operation and remote sensing
- Data links and control systems for off-shore operations

1. Powertrain & systems efficiency
2. Enhanced design & manufacturing
3. Sustainable and modular train
4. Advanced ship design
5. Efficient, safe & clean ship
6. Efficient transhipment
7. ...

KA3“Land Transport & Marine Technologies”





European Research Trends

- ◆ Research evolution not influenced by accidents occurrence
- ◆ Variety of technological domains contribute to maritime safety





Technological domains

- ◆ Safety assessment methodologies
 - Risk based approaches
 - Formal Safety Assessment
- ◆ New design methodologies
 - Design for safety
 - Concurrent design
 - Virtual reality





Technological domains

- ◆ Processes and technologies for construction and maintenance
 - Welding technologies
 - Hull maintenance and inspection
- ◆ On board electronic systems
 - Maneuvering support systems
 - Positioning and navigation systems





KA3 June 2001 Call

Coverage of
ALL Critical technologies and
TWO technology platforms
(TP1 and TP6)
INDICATIVE BUDGET : 98 M €
For RTD and Thematic Networks

Closure: 17 September 2001





Criteria for selection of RTD actions

Harmonised evaluation criteria and quality indicators:

- **S&T Excellence**
- **Effective management of public funds**
 - **Community Added Value**
 - **Social and environmental objectives**
- **Economic development and S&T Prospects**





KA3 : Dissemination of information

CIRCA

COMMUNICATION & **I**NFORMATION **R**ESOURCE **C**ENTRE **A**DMINISTRATOR

- **How do you access CIRCA**

<http://forum.europa.eu.int/>

- **Who can access CIRCA**

Everybody who has Internet access

- **Information showed by forums**

Access by Login

- **Self-register procedure**

Password allowed

**To access forum Research DG:
Send Login received to:
Angel.rodriguez-Ilerena@cec.eu.int**





KA3 Contact persons on specific technical areas

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