

Korea-EU Horizon Europe Researchers Networking Forum on Energy & Advanced Mobility

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Research Section**

ETRI

Advanced Mobility



1. Short Introduction of your Organization

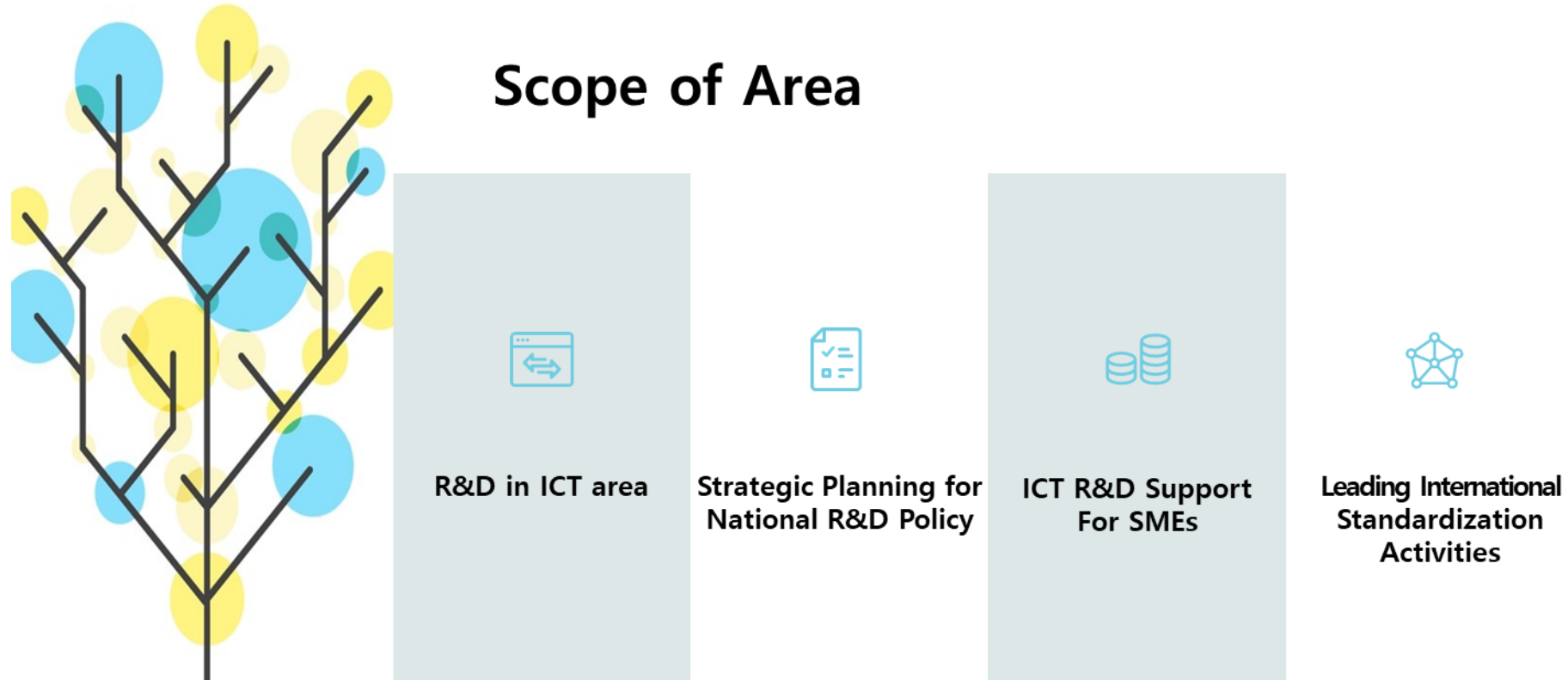
ETRI at a glance

- **Founded in 1976**
- **Total employees : 2,300**
 - Researcher 81.7%(1,879), Engineer 5.6%(129)
Administrative Staff 12.7%(292)
- **ETRI's R&D Budget : 514 million dollars**
 - Total budget : 525 million dollars
- **Head office : Daejeon, Korea**
 - 3 branches, 3 overseas offices(US, China, Europe)





1. Short Introduction of your Organization





2. Expertise



AI Robot UX Research Section

- Identify societal and technological issues **on the current and the future robotics and mobility areas**
- **Mental model** based **human factor in-depth research** for robotics and mobility users
- **UI/UX** based future robotics and mobility core technology



Main Research Interests

1. **Human status assessment**
2. Human factor based robot (mobility) **interaction**
3. **Assistive** technology for mobility users
4. Human robot(mobility) **collaboration**
5. Mobility data acquisition/**analysis**/visualization
6. Future robot and mobility infrastructure **Improvement**



3. Your Project Idea

FOR ALL PRESENTERS

Targeted call: HORIZON-CL5-2026-01-D6-04, Integration of human driving behavior in the validation of CCAM systems

Main objectives: Development of human behavior model for estimating and designing safe CCAM systems

Idea briefly explained:

- Criteria of **safety index of human driver behavior** for estimating drivers' status
- Development of **novel interaction** for supporting human drivers
- **Guideline** for designing a safer CCAM system based on human behavior model



4. Profile You are Seeking and Why

IF YOU PRESENT A PROJECT IDEA

What partners with what profiles are you looking for?

- Looking for **leading partners** for project call related to drivers or users for advanced mobility
- **Industrial partners** for advanced mobility
- **Academic partners** for international collaboration
- Any partners who are interested in collaboration with ETRI in the domain of advanced mobility



5. Contact Details

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