# TECHNO-ANTHROPOLOGY & PARTICIPATION

**THE TECHNO-ANTHROPOLOGY & PARTICIPATION (TAPAR) RESEARCH GROUP AT AALBORG UNIVERSITY**

DEPARTMENT OF SUSTAINABILITY AND PLANNING - THE TECHNICAL FACULTY OF IT AND DESIGN

TAPAR is an interdisciplinary research group dedicated to the research of new and emerging technologies, where we focus on the relations between technologies, ecologies, and societies.

## RESEARCH

### KEY RESEARCH AREAS

The key vision of our research group is democracy in tech innovation, and our mission is to contribute to responsible and sustainable technology use and innovation. We accomplish this through the research of complex issues related to emerging technologies and technology innovation processes.

### HOW WE WORK

We conduct empirical and normative studies that provide insights into the interaction of technologies, ecologies, and societies across multiple fields, with a special focus on health and welfare technologies as well as green and sustainable technologies. Our methodological approach is ethnographic, action-oriented, and participatory.

## EDUCATION

### STUDY-RELATED ACTIVITIES

The research group oversees the education programme in techno-anthropology at the bachelor and master levels and teaches socio-technical theory in engineering programmes.

## COLLABORATION

### WHO BENEFITS FROM OUR RESEARCH

The research we conduct is of particular interest to companies, public authorities, and grassroots organizations involved in innovation, technology implementation, and technology usage.
We collaborate with researchers from other disciplines and conduct highly interdisciplinary research.

### EXTERNAL PARTNERS

A long-standing tradition of both national and international collaboration exists between the research group and industry partners, public sector authorities, grassroots organisations and universities.

We have successfully executed national projects involving all five Danish healthcare regions, the Research Unit of General Practice, the Maersk Mc-Kinney Moller Institute, and many more, at the Nordic and European level.

## PUBLICATIONS


- Botin, L., & Børsen, T. H. (red.) (2021). Technology Assessment in Techno-Anthropological Perspective.
- Teli, M., McQueenie, J., Cibin, R., & Foth, M. (2022). Intermediation in design as a practice of institutioning and commoning.
- Knudsen, C., & Bertelsen, P. S. (2022). Maintaining Data Quality at the hospital department level – The data work of medical secretaries.
- Tornbjerg, K., Kanstrup, A. M., Skov, M. B., & Rehm, M. (2021). Investigating human-robot cooperation in a hospital environment: Scrutinising visions and actual realisation of mobile robots in service work.
- ALL PUBLICATIONS


## CONTACT


### HEAD OF RESEARCH GROUP

Maurizio Teli, Associate Professor
maurizio@plan.aau.dk
+45 9940 8348

Web:
www.plan.aau.dk/research+groups/tapar/


## KEY PROJECTS

### EHEALTH OBSERVATORY

Annually, the eHealth Observatory gathers 700+ stakeholders from the Danish eHealth community to focus on the newest technological solutions, initiatives and research within the field. Further, the eHealth Observatory supports the Danish Centre for Health Informatics' continuous research on understanding citizens' use of eHealth in Denmark.

### OBAMA-NEXT

In OBAMA-NEXT (OBserving and MApping marine ecosystems – NEXT generation tools), we aim to develop tools for identifying marine ecosystems and their biodiversity.
By integrating emerging technologies such as remote sensing, eDNA, and citizen science with existing techniques, we improve our capacity to describe ecosystem functions and biodiversity, while involving local communities in monitoring, questioning, and organizing biodiversities.

### PACT

The PACT-project (Decentralized Patient-Centered Clinical Trials) aims to ease participation in clinical trials in Denmark by establishing an updated national overview of initiated trials as well as optimising the framework for conducting decentralised clinical trials.

### ETAARC

The project "Establishing Trust and Adoption of AI in Radiology Clinics: A Techno-Anthropological Approach Across Multiple Sites" aims to develop a valid method of establishing trust in and facilitating the successful adoption of AI-based software as a tool to support decision-making in radiography.