HORIZON EUROPE CALLS 2023/2024

CLUSTER 2
CULTURE, CREATIVITY AND INCLUSIVE SOCIETY

Produced by: NTNU Brussels office, SU faculty, HF faculty, ØK Faculty and NTNU University Museum
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Dear Reader,

Are you looking for the best researchers with whom to collaborate on Horizon Europe cluster 2 calls? Then please, read on.

At NTNU, the Norwegian University of Science and Technology, we have matched our researchers to the upcoming Horizon Europe 2023/2024 calls, based on both their expertise and the industry relations they can bring to the table.

As the largest university in Norway, we can be a powerful partner and collaborator. With more than 85 funded projects, of which 53 are already signed (accounting for more than € 32 million in funding) at the time of writing, we are setting even more ambitious targets for Horizon Europe 2023/2024 and going forward.

This document is one of six prospectuses that outline areas of expertise for - and of interest to - NTNU researchers, for each of the upcoming six clusters of Horizon Europe.

They are living documents. Even if you do not find an exact match, our research community would be thrilled to open a collaborative dialogue with you. Just ping a message to one of our institutional contact points, like NTNU’s Brussels Office.

Together, we can create true “knowledge for a better world”

Tor Grande
Pro-rector of Research
Knowledge provides people with opportunities and influence, as well as a foundation for making wise choices. Knowledge inspires and challenges. It changes attitudes, mindsets, and how we perceive the world around us. Informed debate strengthens our democracy. NTNU's activities should benefit society as a whole and society can trust that our findings comply with best scientific practice.

Knowledge and technology development create opportunities for increasing sustainable value creation and finding answers to major challenges. Through the United Nations, the world has agreed on 17 Sustainable Development Goals. NTNU will contribute actively towards achieving the Sustainable Development Goals.

**NTNU’s strength is our competence in science and technology combined with academic breadth and interdisciplinarity.**
NTNU is a university with an international focus, with headquarters in Trondheim and campuses in Ålesund and Gjøvik. NTNU has a main profile in science and technology, a variety of programmes of professional study, and great academic breadth, including medicine, architecture, and entrepreneurship.

**KEY NUMBERS FOR 2022**

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<th>NOK 10 billion</th>
<th>44,170 students</th>
<th>7,761 FTE</th>
<th>412 doctoral degrees</th>
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<td>annual budget</td>
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NTNU offers 397 programmes of study (2022), as well as continuing and further education. The university has the main responsibility for higher education in technology in Norway, and largest in engineering, teacher education and architecture. NTNU aims to be a national hub in programmes of professional study.

NTNU is the institution awarded the most funding from the Research Council in Norway, as well as being granted with 255 signed projects and a total funding of more than €141 million from Horizon 2020. Moreover, NTNU is a host or partner for 46 major research centers (SFF, SFI, and FME), and has internal initiatives to develop and recruit top researchers.

In Horizon Europe (HEU) - as of March 2023 - NTNU has 97 funded projects, of which 77 are already signed (accounting for more than €46 million in funding), positioning NTNU among the top HEU Norwegian actors, and among the top 10 actors within the European Higher Education Sector in HEU.

Beyond its science and technology profile, NTNU covers a broad range of social science and humanities (SSH) disciplines including sociology, political science, education, psychology, economics, history, cultural sciences and the arts. Researchers from SSH disciplines have successfully addressed societal issues and contributed to social innovation through involvement in more than 30 HEU projects so far, presenting NTNU as promising and strong partner in future European collaborations in all Global Challenge clusters under Horizon Europe.

From 2014-2023, NTNU has identified several strategic research areas and enabling technologies:
The NTNU Brussels Office represents NTNU in Brussels, provides strategic advice on European policies, promotes NTNU positions, manages or participates in strategic networks and initiatives in Brussels, and provides professional services to the NTNU community based on its Brussels presence.

The office represents both «the door to NTNU» for organizations that want to collaborate and create synergies with NTNU, and «the door to Europe» for colleague active in or willing to enter the European Arena.

NTNU opened the doors to its Brussels Office in 2015 and today the staff consists of four people, Director Massimo Busuoli, one senior adviser and two trainees.

The office activities and services include the following:
- Promotion and representation of NTNU in Brussels
- Positioning of NTNU in relevant Brussels-based initiatives and bodies
- Contribution to improve NTNU’s EU project portfolio
- Provide internship opportunities for NTNU employees and students
- Provision of logistic support and services in Brussels
In line with its vision Knowledge for a better Society, the Faculty of Social and Educational Sciences contributes to public debate and societal development by identifying and defining key societal issues. The faculty encompass a wide range of SSH (Social Sciences and Humanities) disciplines and is organised into seven departments – Teacher Education, Education and Life-Long Learning, Sociology and Political Science, Psychology, Geography, Social Work, and Social Anthropology. The faculty had about 475 permanent scientific staff (10% of NTNU total), 8,600 enrolled students (20%) and a PhD production of 38 candidates (10%) in year 2020, thus emphasizing the faculty's role and importance within the organisation with regard to scientific impact and educational output.

The faculty's disciplines develop insight and provide perspectives on the relationships between the individual, society, natural sciences and technology. The faculty has a strong commitment to contribute to democratic development and lifelong processes in learning, education and formative self-development, which is reflected by a large degree of involvement of actors in the public sector, governmental organisations, NGOs and companies in both research and education collaborations.
Research at SU Faculty

Interdisciplinarity and internationalisation are at the core of the faculty’s priority areas. Research at the Faculty represents a unique combination of social sciences, humanities and natural sciences, facilitating interdisciplinary collaboration both within NTNU, at the national and international level. Since the launch of the H2020 framework program in 2014, the participation in EU projects and networks has steadily increased. Today, researchers are involved in 18 on-going H2020 projects, of which 5 coordinated by the faculty. Research activities within H2020 cover a broad range of thematic areas and fields:

- Energy, policy and behaviour (SMARTEES, ECHOES, ENCHANT, ENTRANCES, SENDER, CAMPAIGNers, ACCTING, IMMERSAFE)
- Sustainability and environmental sciences (CityxChange, EIT RawMaterials, RAINFOREST, CircoMod, PURPES)
- Citizen science and democracy (RECONNECT, ISEEED, LEGACIES, INCITE-DEM)
- Health (H-WORK, UPRIGHT, GUIDEPREP, BEST-COST)
- Psychology, learning and educational sciences (AIM_COACH, MOST, MaTeK)

Moreover, the faculty has capacity and outstanding expertise in pedagogy and the educational sciences, which is underscored by participation in 19 on-going Erasmus+ projects, of which 6 are coordinated, thus establishing the faculty not only as a key player in Norway, but also as a strong partner in future European collaborations.
The Faculty of Humanities at NTNU aims at being Norway’s best environment for challenge-driven and action-oriented research in the humanities. Our particular strength lies in understanding the relationships between humans, culture, society, nature and technology.

The Faculty of Humanities’ research spans from basic research within philosophy, via history, archaeology, cultural heritage management, arts and literature, to applied research in fields as languages and linguistics. Our faculty is also hosting environments that work with climate change and artistic development of high international quality.

Our disciplines are an important part of NTNU as a multidisciplinary university and for realizing the vision of knowledge for a better world. The disciplines provide a broad understanding of the cultural dimensions in societal development and offer insight into the management of our cultural heritage. The academic environments contribute the knowledge needed to solve society’s major challenges and to realize the UN’s Sustainable Development Goals.

Humanistic research at NTNU explores a wide range of thematic areas, including both a basic research approach to develop new ideas and phenomena for understanding the world, as well as applied research approaches addressing societal challenges. Researchers contribute to national and international inter-, multi- and transdisciplinary research by providing their expertise in SSH.

Research at Faculty of Humanities
These are the on-going Horizon 2020 & Horizon Europe projects that our researchers are contributing with their expertise research areas.

- Arts and heritage studies ([RevolutionaryOpScan](#))
- Democracy, Integration, cultural diversity and understanding ([ISEED, REDEMOS, EASYRIGHTS](#))
- Digitalisation and artificial intelligence ([BIAS, Robotics4EU](#))
- Energy, climate and environment research ([ARV, iclimabuilt, SENDER, SSH-Centre, MidWay](#))
- Gender and ethics analysis ([STOP-IT](#))
- Language learning and processing ([SellSTEM, e-LADDA, NNLPP](#))
- Responsible research and innovation ([ETHNA, ATLANTIS](#))
Research at HF Faculty

**Department of Historical and Classical Studies** specialized in European integration, cultural heritage management and museology, classical civilization and classical studies, history, and archeology.

Researchers at the **Department of Modern History and Society** focus on the political economy of commodities, work and daily life, science and technology, war, occupation and legacies of war, and demography.

At the **Department of Philosophy and Religious Studies**, research group on philosophy explores contemporary theoretical philosophy, phenomena such as aesthetics, phenomenology, hermeneutics, and existentialism, and applied ethics. Research group on religious studies is specialized in Islamic studies, conspiracy culture, south Asian religions, and Judaism and cognitive science of religion in Norway.

Research at the **Department of Art and Media Studies** focuses on different thematic areas within media studies, film studies, art history, drama and theatre studies.
**Department of Music** specializes in musicology, dance studies, music technology and artistic development. The Department is also involved in pedagogical research, and it is an active contributor to the cross-disciplinary research network, "Music Education in Development".

At the **Department of Language and Literature**, research group on language and communication studies language systems, language usage, language development in society and language development in individuals. Research group on literature and cultural history studies and analyses Nordic, German, French, English (British and American), and Spanish literature, as well as literary theory. Further, research focuses on European political history – particularly British – as well as the history of the European Union.

Research at the **Department of Interdisciplinary Studies of Culture** is twofold. The Gender and diversity group focus on thematic areas such as biopolitics and reproduction, ethnicity, gender and equality, gender, technology and science, and sexuality gender and culture.

The Technology and society research group analyses policy, innovation, production of knowledge, and everyday life activities and provide their knowledge to understand present societal challenges relating to energy, climate and environment, science governance, digitalization and robotization of society and biopolitics and reproduction.
The research at the Faculty of Economics and Management has a broad span within economics, management and technology, and is largely characterized by interdisciplinary and regional, national and international cooperation. The faculty's researchers are important contributors to industry and economic policy, and have key expertise in areas needed for a circular economy and the green shift, digitalization and future work life and an innovative public sector.

Our researchers are involved in a wide range of national and international research projects and centres:

**Centre for Environment-friendly Energy Research (FME)**
- [NTRANS - Norwegian Centre for Energy Transition Strategies](#)
- CINELDI - Centre for Intelligent Electricity Distribution (Sintef Energi)
- [HydroCen - Norwegian Centre for Hydropower Technology](#)
- MoZEES - Mobility Zero Emission Energy Systems (Institutt for energiteknikk)
- [NCCS - Norwegian CCS Research Centre (Sintef Energi)](#)
- ZEN - The Research Centre on Zero Emission Neighbourhoods in Smart Cities

**Centre for Research-based Innovation (SFI)**
- SFI Manufacturing
- SFI Harvest
The NTNU University Museum’s main mission is to develop, preserve and disseminate knowledge of culture, nature and science, as a basis for sustainable social and environmental development. It consists of four units: The Department of Archaeology and Cultural History, the Department of Natural History, the National Laboratory for Age Determination and the Department of Public Outreach and Exhibitions.

The Department of Archaeology and Cultural History conducts research on prehistoric, historic, maritime and Sami archaeology. It contains a well-equipped conservation laboratory, and a unique collection of human remains from medieval through modern ages which is the basis for several research initiatives at a high international level. In close collaboration with the Department of Natural History and other academic groups at NTNU, we are building a singular inter- and trans-disciplinary capacity and expertise in research fields on cultural and natural heritage studies, taking advantage of NTNU’s science and technology profile.

The Museum undertakes geophysical surveys as part of research and cultural heritage management projects, and hosts the Terrestrial, Marine and Aerial Remote sensing for Archaeology research group (TEMAR). This is the first group in Norway with the capacity to deploy in-house expertise and technologies required to explore hidden cultural remains from the air, ground-surface or underwater. The breadth of expertise includes staff with solid experience in ground-penetrating radar (GPR), electromagnetic induction (EMI), magnetometry, and resistivity, LiDAR, geospatial and predictive modelling using GIS platforms, photogrammetry and unmanned aerial vehicle (UAV) operations.
We are a founding partner in NTNU Applied Underwater Robotics Laboratory (AUR-Lab). Through the Center of Excellence for Autonomous Marine Operations and Systems (AMOS), we are building world leading expertise in the use of marine robotics and sensors for underwater cultural heritage research and management in the intersection between marine archaeology, marine ecology and marine cybernetics. As we enter the UN Decade of Ocean Science, particular efforts are being made to identify and fill knowledge gaps regarding vulnerable underwater cultural heritage in Arctic and deep waters.

Our researchers are involved in a wide range of nationally and EU-funded projects. Currently, we are partnering and coordinating Horizon 2020 Pillar 1 and EU RTD framework programme projects, including an ERC Synergy Grant (4-Oceans) and a COST Action (SAGA). We have established a successful track record in RCN projects such as the on-going FRIHUMSAM MedHeal600 project.

Research Infrastructures
- Museum collections
- Conservation lab
- Radiocarbon and dendrochronology lab
- DNA lab
- Airborne, terrestrial and underwater geophysical surveying infrastructure
- Applied Underwater Robotics Laboratory
- NTNU research vessel Gunnerus
COLLABORATING WITH NTNU

As the largest Norwegian university with high multidisciplinary nature, NTNU offers a wide range of expertise and competences. Specific mapping of available researchers willing to collaborate on Horizon Europe have been performed for all clusters, producing documents similar to this brochure.

Make sure you have the latest version available by downloading it from this website.

Should you be interested to explore collaboration opportunities in areas not present in any of these brochures, you can get in touch with the institutional entry points of the university.

ENTRY POINTS

NTNU Brussels Office

Faculty EU advisors
AD - Faculty of Architecture and Design
   Tone Woie Alstadheim and Srutarshi Pradhan
HF - Faculty of Humanities
   Chamila Thushari Attanapola
IE - Faculty of Information Technology and Electrical Engineering
   Nathalie Søyseth and Filip Jessen
IV - Faculty of Engineering
   Ingunn Syrstad Bøgeberg and Miriam K. Khider
MH - Faculty of Medicine and Health Sciences
   Emma Louise Walton
NV - Faculty of Natural Sciences
   Thais Mothe-Diniz and Eugen Gravningen Sørmo
SU - Faculty of Social and Educational Sciences
   Bård Li and Jens Rohloff
ØK - Faculty of Economics and Management
   Thomas Aarnseth
VM - NTNU University Museum
   Astrid Johansen
NTNU in Gjøvik
   Anne Hilde Ruen Nymoen
NTNU in Ålesund
   Medya Temelli Fenerci
Here you can find potential NTNU professors and employees that are interested in collaborations on destination 1.

The following pages are sorted into the calls for the destination presented in cluster 2. To simplify your navigation among available expertise per topic, the list of topics have been made clickable.
Call - Past, present and future of democracies.


HORIZON-CL2-2024-DEMOCRACY-01-03: What is the long-term impact of rule of law and European values on socio-economic outcomes?.

HORIZON-CL2-2024-DEMOCRACY-01-04: The interrelation between social, cultural and political identities, as well as the sense of belonging, and democracies.


HORIZON-CL2-2024-DEMOCRACY-01-06: Computational Social Science approaches in research on democracy.


HORIZON-CL2-2024-DEMOCRACY-01-08: Culture, the arts and cultural spaces for democratic participation and political expression, online and offline.

HORIZON-CL2-2024-DEMOCRACY-01-09: The role and functioning of public administrations in democratic systems.

HORIZON-CL2-2024-DEMOCRACY-01-10: Political participation in multilingual spaces.


HORIZON-CL2-2024-DEMOCRACY-01-12: Testing and implementation of research results fostering democracy and governance.
Carine Germond

**Department of Historical and Classical Studies**  
Faculty of Humanities

**Contact information**  
carine.germond@ntnu.no  
+47 73596478

**Relevant projects**  
- UNelected REPresentatives: The Impact on Liberal Democracy in Europe (**UNREP**)
- Reconciling Europe with its Citizens through Democracy and Rule of Law (**RECONNECT**)

**Expertise specific to this call:**  
Transnational societal mobilization, contestation and protests

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Pieter de Wilde

**Department of Sociology and Political Science**  
Faculty of Social and Educational Sciences

**Contact information**  
pieter.dewilde@ntnu.no  
+47 73596428

**Expertise**  
De Wilde studies political conflict over European integration and other globalization-related issues, such as migration, trade and climate change.  
He is an expert on processes of politicization within the multilevel European Union polity and on political representation.  
His recent research focuses on how celebrities and activists affect democratic representation in Europe, democratic backsliding within the EU and on responsiveness of EU institutions.

**Relevant projects**  
- UNelected REPresentatives: The Impact on Liberal Democracy in Europe (**UNREP**)
- Reconciling Europe with its Citizens through Democracy and Rule of Law (**RECONNECT**)
- The Political Sociology of Cosmopolitanism and Communitarianism (**LINK**)
- How Politicization Affects European Integration

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Eir-Anne Edgar

**Department of Teacher Education**  
Faculty of Social and Educational Sciences

**Contact information**  
eir-anne.edgar@ntnu.no  
+47 41253485

**Expertise**  
Literature and culture, didactics/pedagogy, gender and women’s studies, LGBTQIA studies, social theory, feminist theory

**Expertise specific to this call:**  
Research on culture, identity, and rhetoric/narrative

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Sara Brinch
Department of Design
Faculty of Architecture and Design

Contact information
sara.brinch@ntnu.no
+4792842327

Expertise
My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects
Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations" [LINK]

Lorenzo Cañás Bottos
Department of Social Anthropology
Faculty of Social and Educational Sciences

Contact information
canas.bottos@ntnu.no
+4794974869

Expertise
I am a social anthropologist with ethnographic experience in Argentina, Bolivia, Ireland, Northern Ireland and Spain. My research spans topics from future imagination, nation state formation, migration, borders and religious conflict and mobility. More recently I have been focusing on food, including ethnic cuisines, cultural authenticity, heritage, to pig production and multi-species ethnography.

Relevant projects
**Pieter de Wilde**

**Department of Sociology and Political Science**  
Faculty of Social and Educational Sciences

**Contact information**  
pieter.dewilde@ntnu.no  
+47 73596428

**Expertise**

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- Reconciling Europe with its Citizens through Democracy and Rule of Law ([RECONNECT](#))
- The Political Sociology of Cosmopolitanism and Communitarianism ([LINK](#))
- How Politicization Affects European Integration

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**Govert Valkenburg**

**Department of Interdisciplinary Studies of Culture**  
Faculty of Humanities

**Contact information**  
govert.valkenburg@ntnu.no  
+47 94896748

**Expertise**

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes. Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate. These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

**Relevant projects**

- My research experience of 20 years has been entirely project-based. European projects have included:  
  - [PRISMS](#) (privacy and security),  
  - [MILESECURE2050](#) (low-carbon transitions and energy security).
Giuseppe Pellegrini Masini

Department of Teacher Education - Social Studies
Faculty of Social and Educational Sciences

Contact information
giuseppe.p.masini@ntnu.no
+47 98079798

Relevant links outside academia
I worked with local authorities in Italy and I have a network of researchers in consultancies with whom I collaborated on EU projects.

Expertise
Research experience in climate citizenship, energy justice, Just Transition, energy social innovations and sustainable bottom-up initiatives, among other social environmental topics.

Relevant projects
H2020 ACCTING
Advancing Behavioural Change Through an Inclusive Green Deal

H2020 SMARTES Social innovation Modelling Approaches to Realizing Transition to Energy Efficiency and Sustainability

Sara Brinch

Department of Design
Faculty of Architecture and Design

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sara.brinch@ntnu.no
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Expertise
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Relevant projects
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LINK
Carine Germond
Department of Historical and Classical Studies
Faculty of Humanities

**Contact information**
carine.germond@ntnu.no
+47 73596478

**Relevant links**
outside academia
EU institutions

**Expertise**
European Union, European Integration, Experts and Expertise, EU governance, Trust and governance, Euroscepticism, Gender politics, Agricultural and rural, policy, EU Common Agricultural Policy, Interest and lobby Groups.

**Relevant projects**
IEF Marie Curie Fellowship (AGRIREFORM)

Pieter de Wilde
Department of Sociology and Political Science
Faculty of Social and Educational Sciences

**Contact information**
pieter.dewilde@ntnu.no
+47 73596428

**Expertise to specific call:**
Political representation. Representative claims analysis.
The role of celebrities and famous activists in shaping and mobilizing collective identities.
Identity and European integration.

**Expertise**
De Wilde studies political conflict over European integration and other globalization-related issues, such as migration, trade and climate change.
He is an expert on processes of politicization within the multilevel European Union polity and on political representation.
His recent research focuses on how celebrities and activists affect democratic representation in Europe, democratic backsliding within the EU and on responsiveness of EU institutions.

**Relevant projects**
UNelected REPRESENTatives: The Impact on Liberal Democracy in Europe (UNREP)
Reconciling Europe with its Citizens through Democracy and Rule of Law (RECONNECT)
The Political Sociology of Cosmopolitanism and Communitarianism LINK
How Politicization Affects European Integration

Eir-Anne Edgar
Department of Teacher Education
Faculty of Social and Educational Sciences

**Contact information**
eir-anne.edgar@ntnu.no
+47 41253485

**Expertise**
Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

**Expertise specific to this call:**
Research on culture and identity
Casper Boks

Department of Design
Faculty of Architecture and Design

Contact information
casper.boks@ntnu.no

Expertise
Design for sustainable behaviour and practices;
Consumer acceptance and adoption of circular paradigms;
Managerial implementation of Design for Sustainability.

Relevant projects
"Circular European Economy Innovative Training Network (CIRC€UIT)" (H2020 MSCA-ITN) "Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU". (HoE-LIB) (NTNU Sustainability funded)
"Design of Insect- and Insect-based Food Products" (ERA-NET LAC II/Norwegian Science Counc

Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information
govert.valkenburg@ntnu.no
+47 94896748

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These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),
MILESECURE2050 (low-carbon transitions and energy security).
Lorenzo Cañás Bottos

Department of Social Anthropology
Faculty of Social and Educational Sciences

Contact information
canas.bottos@ntnu.no
+4794974869

Expertise
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Relevant projects
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Relevant projects
Astrid S. de Wijn
Department of Mechanical and Industrial Engineering
Faculty of Engineering

Expertise
Theory and modelling of systems out of equilibrium.

Network dynamics and simulations, including opinion dynamics.

Expertise specific to call:
Experience with simulating opinion dynamics models

Relevant projects
Dynamics of collective action to conserve a large common-pool resource, David Andersson, Sigrid Bratsberg, Andrew K. Ringsmuth, Astrid S. de Wijn Scientific Reports volume 11, Article number: 9208 (2021).

Contact information
astrid.dewijn@ntnu.no

Eleftherios Papachristou
Department of Design
Faculty of Architecture and Design

Expertise
- Human-Centred Artificial Intelligence design
- Human-Computer Interaction
- Interaction design
- Conversational Interfaces,
- Value-centered AI
- Ethics/trust/transparency and AI
- Interface Evaluation.

Relevant projects
rurALLURE (EU H2020 CSA)
INTER-SOCIAL (EU INTERREG)
SERIES (EU FP7 CSA)
QALIBRA (EU FP6 CSA)

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Eleftherios Papachristou

Department of Design
Faculty of Architecture and Design

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+47 47707238

Expertise
- Human-Centred Artificial Intelligence design
- Human-Computer Interaction
- Interaction design
- Conversational interfaces,
- Value-centered AI
- Ethics/trust/transparency and AI
- Interface Evaluation.

Relevant projects
rurALLURE (EU H2020 CSA)
INTER-SOCIAL (EU INTERREG)
SERIES (EU FP7 CSA)
QALIBRA (EU FP6 CSA)

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Relevant projects
My research experience of 20 years has been entirely project-based.

European projects have included:

PRISMS (privacy and security),
MILESECURE2050 (low-carbon transitions and energy security).
Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information
eir-anne.edgar@ntnu.no
+47 41253485

Expertise
Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:
Research and teaching on critical digital literacy
Eir-Anne Edgar
Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information
eir-anne.edgar@ntnu.no
+47 41253485

Expertise
Literature and culture, didactics/pedagogy, gender and women’s studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:
Research on culture and identity

Sara Brinch
Department of Design
Faculty of Architecture and Design

Contact information
sara.brinch@ntnu.no
+4792842327

Expertise
My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects
Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations" LINK

Govert Valkenburg
Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information
govert.valkenburg@ntnu.no
+47 94896748

Expertise
Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),
MILESECURE2050 (low-carbon transitions and energy security).
Pieter de Wilde

Department of Sociology and Political Science
Faculty of Social and Educational Sciences

Expertise
De Wilde studies political conflict over European integration and other globalization-related issues, such as migration, trade and climate change.

He is an expert on processes of politicization within the multilevel European Union polity and on political representation.

His recent research focuses on how celebrities and activists affect democratic representation in Europe, democratic backsliding within the EU and on responsiveness of EU institutions.

Contact information
pieter.dewilde@ntnu.no
+47 73596428

Relevant projects
UNelected REPresentatives: The Impact on Liberal Democracy in Europe (UNREP)

Reconciling Europe with its Citizens through Democracy and Rule of Law (RECONNECT)

The Political Sociology of Cosmopolitanism and Communitarianism (LINK)

Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Expertise
Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

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+47 94896748

Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).
Govert Valkenburg
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These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included: PRISMS (privacy and security), MILESECURE2050 (low-carbon transitions and energy security).

Lorem Cañás Bottos
Department of Social Anthropology
Faculty of Social and Educational Sciences

Contact information
canas.bottos@ntnu.no
+4794974869

Expertise
I am a social anthropologist with ethnographic experience in Argentina, Bolivia, Ireland, Northern Ireland and Spain. My research spans topics from future imagination, nation state formation, migration, borders and religious conflict and mobility. More recently I have been focusing on food, including ethnic cuisines, cultural authenticity, heritage, to pig production and multi-species ethnography.

Relevant projects
Isabell Richter
Department of Psychology
Faculty of Social and Educational Sciences

Contact information
isabel.richter@ntnu.no
+47 40611965

Expertise
Environmental psychology, behavior change, evaluation of interventions, creative ways of communication, inclusion and diversity

Relevant projects
- GCRF Blue communities
- NFR Nature in your Face
- Handelens Miljøfond human dimension of plastic pollution

Relevant contacts outside academia
NORSUS
WWF

Eir-Anne Edgar
Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information
eir-anne.edgar@ntnu.no
+47 41253485

Expertise
Literature and culture, didactics/pedagogy, gender and women’s studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:
Research on culture and identity and education
Lorenzo Cañás Bottos

Department of Social Anthropology
Faculty of Social and Educational Sciences

Contact information
canas.bottos@ntnu.no
+4794974869

Expertise
I am a social anthropologist with ethnographic experience in Argentina, Bolivia, Ireland, Northern Ireland and Spain. My research spans topics from future imagination, nation state formation, migration, borders and religious conflict and mobility. More recently I have been focusing on food, including ethnic cuisines, cultural authenticity, heritage, to pig production and multi-species ethnography.

Relevant projects
Here you can find potential NTNU professors and employees that are interested in collaborations on destination 2.

The following pages are sorted into the calls for the destination presented in cluster 2. To simplify your navigation among available expertises per topic, the list of topics have been made clickable.

HORIZON-CL2-2023-HERITAGE-ECCCH-01-01: A European Collaborative Cloud for Cultural Heritage

Call - Research and innovation on cultural heritage and CCIs - 2024.


HORIZON-CL2-2024-HERITAGE-01-02: Cultural and creative industries for a sustainable climate transition.

HORIZON-CL2-2024-HERITAGE-01-03: Leverage the digital transition for competitive European cultural and creative industries.

HORIZON-CL2-2024-HERITAGE-01-04: Europe's cultural heritage and arts – promoting our values at home and abroad.

HORIZON-CL2-2024-HERITAGE-01-05: Strategies to strengthen the European linguistic capital in a globalised world.
Marek E. Jasinski

Department of Historical and Classical Studies
Faculty of Humanities

Contact information
marek.jasinski@ntnu.no
+49 92612121

Expertise
Heritage Studies, Archaeology, Forensic Archaeology, Heritage of War and Conflict, Social Memory, War Crimes, Genocides

Relevant projects
Painful Heritage
Re-CALL
iC-ACCESS

Chiara Bertolin

Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information
chiara.bertolin@ntnu.no
+47 48507716

Expertise
Professor of NDT for condition monitoring at Department of Mechanical and Industrial Engineering. Outstanding Academic Fellow at NTNU.

Current research activities comprise:
- Studies on the climate change impact on the built environment, here included reconstruction of long term climate change.
- Design, implementation and Analysis of tests; structural integrity/ health monitoring campaign in real environment using no-destructive techniques.
- Environmental studies applied to assess existing conditions and damage appearance (e.g. location and severity) in materials constituting the built environment.
- Synergistic integration of monitoring, and numerical simulations with machine learning.

Relevant projects
- PI and Coordinator of the SYMBOL Young Research Talent Project (2018-2022, funded by NRC) has sought for appropriate environmental conditions for historical buildings and cultural heritage collections made of wood.
- Partner in the Helios Project - Enhancing optimal exploitation of solar energy in Nordic cities through the digitalization of the built environment (2021-2025, funded by NRC) aims to turn the Nordic conditions into unique opportunities to accelerate the use of solar energy and the deployment of solar systems in the Nordic built environment through digital techniques using Trondheim as a pilot city.

Relevant links outside academia
- Chairman of the Technical committee TC20 of the European Structural Integrity Society (ESIS)
- Member of the Executive Committee of the Italian Group of Fracture (IGF)
- Expert of the European Committee for Standardization CEN/TC346 in WG7, WG14, and WG15
Lorenzo Cañás Bottos

Department of Social Anthropology
Faculty of Social and Educational Sciences

Expertise
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Relevant projects

Contact information
canas.bottos@ntnu.no
+4794974869
Marek E. Jasinski

Department of Historical and Classical Studies
Faculty of Humanities

Contact information
marek.jasinski@ntnu.no
+49 92612121

Relevant links outside academia
Public Sector, NGOs.

Expertise
Heritage Studies, Archaeology, Forensic Archaeology, Heritage of War and Conflict, Social Memory, War Crimes, Genocides

Relevant projects
Painful Heritage
Re-CALL
iC-ACCESS

Arne Anderson Stamnes

Department of Archaeology and Cultural history
Faculty of NTNU University Museum

Contact information
arne.stamnesi@ntnu.no
+49 90958457

Relevant links outside academia
Good communication and contact with various instrument manufacturers.

Expertise
Non-intrusive geophysical investigations of cultural heritage monuments and landscapes, GIS-modelling, cultural historical analysis, landscape archaeology

Relevant projects
Various collaborative and commercial archaeo-geophysical projects in Norway and Abroad.
Norwegian Research-Council funded International Mobility Grant ("PastCoast").
Carmen Cuenca-Garcia

Department of Archaeology and Cultural History
Faculty of NTNU University Museum

Expertise
Archaeological geophysics, remote sensing (cultural heritage), archaeological prospection and monitoring, non-destructive methods in archaeology, endangered archaeology, humanitarian geophysics, CTBTO OSI Inspector

Contact information
carmen.cuenca-garcia@ntnu.no
+47 9265 1106

Relevant projects
COST Action SAGA (CA17131)
‘The Soil Science & Archaeo-Geophysics Alliance: going beyond prospection’ (Chair)

AICO 2020/250 - GEOIbers 'Geophysical Prospection at Iberian Sites' (PI-Norway)

EEA and Norway Grant TAU21161-NIDAROD From Nidaros to Novgorod: Cultures Along the Historic St Olav Routes. An Estonian-Norwegian Cooperation Project in Humanities Research (PI-Norway)

Chiara Bertolin

Department of Mechanical and Industrial Engineering
Faculty of Engineering

Expertise
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- Synergistic integration of monitoring, and numerical simulations with machine learning.

Contact information
chiara.bertolin@ntnu.no
+47 4850 7716

Relevant projects
- PI and Coordinator of the SYMBOL Young Research Talent Project (2018-2022, funded by NRC) has seeked for appropriate environmental conditions for historical buildings and cultural heritage collections made of wood.
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Lorenzo Cañás Bottos

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Faculty of Social and Educational Sciences

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+4794974869

Relevant projects

Sara Brinch

Department of Design
Faculty of Architecture and Design

Expertise
My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Contact information
sara.brinch@ntnu.no
+4792842327

Relevant projects
Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations"

LINK
Ole Edward Wattne

**Department of Design**  
Faculty of Architecture and Design

**Contact information**  
ole.wattne@ntnu.no  
93445885

**Expertise**  
Information design, wayfinding systems, wayfinding behaviour, interaction design, human centered design methods

**Relevant projects**  
rurAllure (rurallure.eu)

**Relevant links outside academia**  
Local museums, National pilgrim center, art centers.

Casper Boks

**Department of Design**  
Faculty of Architecture and Design

**Contact information**  
casper.boks@ntnu.no

**Expertise**  
Design for sustainable behaviour and practices;  
Consumer acceptance and adoption of circular paradigms;  
Managerial implementation of Design for Sustainability.

**Relevant projects**  
"Circular European Economy Innovative Training Network (CIRC€UIT)" (H2020 MSCA-ITN) "Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU". (HoE-LIB) (NTNU Sustainability funded)

"Narrating Sustainability" (NTNU Sustainability funded)

"Design of Insect- and Insect-based Food Products" (ERA-NET LAC II/Norwegian Science Counc

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[LINK](#)
Govert Valkenburg
Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information
govert.valkenburg@ntnu.no
+47 94896748

Expertise
Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:

- PRISMS (privacy and security),
- MILESECURE2050 (low-carbon transitions and energy security).

Carmen Cuenca-Garcia
Department of Archaeology and Cultural History
Faculty of NTNU University Museum

Contact information
carmen.cuenca-garcia@ntnu.no
+4792651106

Relevant links outside academia
Museums/CHM, other research institutes, some contacts in industry (geophysical instrumentation) and local community associations

Expertise
Archaeological geophysics, remote sensing (cultural heritage), archaeological prospection and monitoring, non-destructive methods in archaeology, endangered archaeology, humanitarian geophysics, CTBTO OSI Inspector

Relevant projects
COST Action SAGA (CA17131)
'The Soil Science & Archaeo-Geophysics Alliance: going beyond prospection' (Chair)

AICO 2020/250 - GEOIbers 'Geophysical Prospection at Iberian Sites' (PI-Norway)

EEA and Norway Grant TAU21161-NIDAROD From Nidaros to Novgorod: Cultures Along the Historic St Olav Routes. An Estonian-Norwegian Cooperation Project in Humanities Research (PI-Norway)

Eleftherios Papachristou
Department of Design
Faculty of Architecture and Design

Contact information
eleftherios.papachristos@ntnu.no
+47 47707238

Expertise
- Human-Centred Artificial Intelligence design
- Human-Computer Interaction
- Interaction design
- Conversational Interfaces,
- Value-centered AI
- Ethics/trust/transparency and AI
- Interface Evaluation.

Relevant projects
rurALLURE (EU H2020 CSA)
INTER-SOCIAL (EU INTERREG)
SERIES (EU FP7 CSA)
QALIBRA (EU FP6 CSA)
Chiara Bertolin
Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information
chiara.bertolin@ntnu.no
+47 48507716

Expertise
Professor of NDT for condition monitoring at Department of Mechanical and Industrial Engineering. Outstanding Academic Fellow at NTNU.

Current research activities comprise:
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- Environmental studies applied to assess existing conditions and damage appearance (e.g. location and severity) in materials constituting the built environment.
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Relevant links outside academia
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- Member of the Executive Committee of the Italian Group of Fracture (IGF)
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Relevant projects
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HORIZON-CL2-2024-HERITAGE-01-02: Cultural and creative industries for a sustainable climate transition.

Marek E. Jasinski
Department of Historical and Classical Studies
Faculty of Humanities

Contact information
marek.jasinski@ntnu.no
+49 92612121

Expertise
Heritage Studies, Archaeology, Forensic Archaeology, Heritage of War and Conflict, Social Memory, War Crimes, Genocides

Relevant projects
Painful Heritage
Re-CALL
iC-ACCESS

Relevant links outside academia
Public Sector, NGOs.

Arne Anderson Stamnes
Department of Archaeology and Cultural History
Faculty of NTNU University Museum

Contact information
arne.stamnes@ntnu.no
+49 90958457

Expertise
Non-intrusive geophysical investigations of cultural heritage monuments and landscapes, GIS-modelling, cultural historical analysis, landscape archaeology

Expertise specific to this call:
My individual mobility grant is using remote sensing technologies to assess the impact of landscape change on past societies.

Relevant projects
Various collaborative and commercial archaeo-geophysical projects in Norway and Abroad.
Norwegian Research-Council funded International Mobility Grant (“PastCoast”).

Relevant links outside academia
Good communication and contact with various instrument manufacturers.

Giuseppe Pellegrini Masini
Department of Teacher Education - Social Studies
Faculty of Social and Educational Sciences

Contact information
giuseppe.p.masini@ntnu.no
+47 98079798

Expertise
Research experience in climate citizenship, energy justice, Just Transition, energy social innovations and sustainable bottom-up initiatives, among other social environmental topics.

Relevant projects
H2020 ACCTING
Advancing behavioural Change Through an Inclusive Green deal
H2020 SMARTERES Social innovation Modelling Approaches to Realizing Transition to Energy Efficiency and Sustainability

Relevant links outside academia
I worked with local authorities in Italy and I have a network of researchers in consultancies with whom I collaborated on EU projects.
Elli Verhulst
Department of Industrial Economics and Technology Management
Faculty of Economics and Management
Expertise
Sustainable innovation and entrepreneurship, interdisciplinary collaboration, human factors sustainable/circular business models, integration processes, method and tool development,
elli.verhulst@ntnu.no
+47 73590164

Relevant projects
Integration of sustainability in innovation processes at SMEs - different projects
Tools and method development for sustainable innovation and entrepreneurship - different projects
Digifab, supporting SMEs to move towards Industry 4.0 (NFR funding)
Prisms Practical and Innovative Solutions for Manufacturing Sustainability (University of Cambridge, IfM ECS)

Govert Valkenburg
Department of Interdisciplinary Studies of Culture
Faculty of Humanities
Expertise
Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.
Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.
These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.
govert.valkenburg@ntnu.no
+47 94896748

Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:
PRISMS (privacy and security),
MILESECURE2050 (low-carbon transitions and energy security).

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Relevant projects
• Integration of sustainability in innovation processes at SMEs - different projects
• Tools and method development for sustainable innovation and entrepreneurship - different projects
• Digifab, supporting SMEs to move towards Industry 4.0 (NFR funding)
• Prisms Practical and Innovative Solutions for Manufacturing Sustainability (University of Cambridge, IfM ECS)
• HoIE-LIB – Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU (NTNU Sustainability)
• MINDER - Methodologies for Improvement of Non-residential buildings' Day-to-day Energy efficiency Reliability (NFR funding)
• SFU Engage – Entrepreneurship education for educators (HKdir)
Carmen Cuenca-García

Department of Archaeology and Cultural History
Faculty of NTNU University Museum

**Contact information**
carmen.cuenca-garcia@ntnu.no
+4792651106

**Expertise**
Archaeological geophysics, remote sensing (cultural heritage), archaeological prospection and monitoring, non-destructive methods in archaeology, endangered archaeology, humanitarian geophysics, CTBTO OSI Inspector

**Relevant projects**
- COST Action SAGA (CA17131) ‘The Soil Science & Archaeo-Geophysics Alliance: going beyond prospection’ (Chair)
- AICO 2020/250 - GEOIBers ‘Geophysical Prospection at Iberian Sites’ (PI- Norway)
- EEA and Norway Grant TAU21161-NIDAROD From Nidaros to Novgorod: Cultures Along the Historic St Olav Routes. An Estonian-Norwegian Cooperation Project in Humanities Research (PI-Norway)

**Relevant links outside academia**
Museums/CHM, other research institutes, some contacts in industry (geophysical instrumentation) and local community associations

Ole Edward Wattne

Department of Design
Faculty of Architecture and Design

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ole.wattne@ntnu.no
93445885

**Expertise**
Information design, wayfinding systems, wayfinding behaviour, interaction design, human centered design methods

**Relevant projects**
rurAllure (rurallure.eu)

**Relevant links outside academia**
Local museums, National pilgrim center, art centers.

Eir-Anne Edgar

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Faculty of Social and Educational Sciences

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**Expertise**
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Relevant projects
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- INTER-SOCIAL (EU INTERREG)
- SERIES (EU FP7 CSA)
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Relevant projects
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Casper Boks
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Faculty of Architecture and Design

Expertise
Design for sustainable behaviour and practices;
Consumer acceptance and adoption of circular paradigms;
Managerial implementation of Design for Sustainability.

Relevant projects
"Circular European Economy Innovative Training Network (CIRC€UIT)” (H2020 MSCA-ITN) "Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU". (HolE-LIB) (NTNU Sustainability funded)
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Relevant links outside academia
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AICO 2020/250 - GEOIbers
'Geophysical Prospection at Iberian Sites' (PI- Norway)

EEA and Norway Grant TAU21161-NIDAROD From Nidaros to Novgorod: Cultures Along the Historic St Olav Routes. An Estonian-Norwegian Cooperation Project in Humanities Research (PI-Norway)
Elli Verhulst

Department of Industrial Economics and Technology Management
Faculty of Economics and Management

Expertise
Sustainable innovation and entrepreneurship, interdisciplinary collaboration, human factors sustainable/circular business models, integration processes, method and tool development,

Relevant projects
- Integration of sustainability in innovation processes at SMEs - different projects
- Tools and method development for sustainable innovation and entrepreneurship - different projects
- Digifab, supporting SMEs to move towards Industry 4.0 (NFR funding)
- Prisms Practical and Innovative Solutions for Manufacturing Sustainability (University of Cambridge, IfM ECS)
- HoIE-LIB – Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU (NTNU Sustainability)
- MINDER - Methodologies for Improvement of Non-residential buildings’ Day-to-day Energy efficiency Reliability (NFR funding)
- SFU Engage – Entrepreneurship education for educators (HKdir)

Contact information
elli.verhulst@ntnu.no
+47 73590164

Lorenzo Cañás Bottos

Department of Social Anthropology
Faculty of Social and Educational Sciences

Expertise
I am a social anthropologist with ethnographic experience in Argentina, Bolivia, Ireland, Northern Ireland and Spain. My research spans topics from future imagination, nation state formation, migration, borders and religious conflict and mobility. More recently I have been focusing on food, including ethnic cuisines, cultural authenticity, heritage, to pig production and multi-species ethnography.

Relevant projects

Contact information
canas.bottos@ntnu.no
+4794974869
Ole Edward Wattne
Department of Design
Faculty of Architecture and Design

Contact information
ole.wattne@ntnu.no
93445885

Expertise
Information design, wayfinding systems, wayfinding behaviour, interaction design, human centered design methods

Relevant projects
rurAllure (rurallure.eu)

Relevant links outside academia
Local museums, National pilgrim center, art centers.

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Govert Valkenburg
Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information
govert.valkenburg@ntnu.no
+47 94896748

Expertise
Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),
MILESECURE2050 (low-carbon transitions and energy security).
Chiara Bertolin
Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information
chiara.bertolin@ntnu.no
+47 48507716

Expertise
Professor of NDT for condition monitoring at Department of Mechanical and Industrial Engineering. Outstanding Academic Fellow at NTNU.

Current research activities comprise:
- Studies on the climate change impact on the built environment, here included reconstruction of long term climate change.
- Design, implementation and Analysis of tests; structural integrity/health monitoring campaign in real environment using no-destructive techniques.
- Environmental studies applied to assess existing conditions and damage appearance (e.g. location and severity) in materials constituting the built environment.
- Synergistic integration of monitoring, and numerical simulations with machine learning.

Relevant projects
- PI and Coordinator of the SYMBOL Young Research Talent Project (2018-2022, funded by NRC) has sought for appropriate environmental conditions for historical buildings and cultural heritage collections made of wood.
- Partner in the Helios Project - Enhancing optimal exploitation of solar energy in Nordic cities through the digitalization of the built environment (2021-2025, funded by NRC) aims to turn the Nordic conditions into unique opportunities to accelerate the use of solar energy and the deployment of solar systems in the Nordic built environment through digital techniques using Trondheim as a pilot city.

Lorenzo Cañas Bottos
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Faculty of Social and Educational Sciences

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canas.bottos@ntnu.no
+4794974869

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Relevant projects
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Faculty of Humanities

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Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),
MILESECURE2050 (low-carbon transitions and energy security).
Here you can find potential NTNU professors and employees that are interested in collaborations on destination 3.

The following pages are sorted into the calls for the destination presented in cluster 2. To simplify your navigation among available expertises per topic, the list of topics have been made clickable.
Call - Inclusiveness in times of change.

HORIZON-CL2-2023-TRANSFORMATIONS-01-10: Tackling inequalities in the green and digital transitions.

Call - A sustainable future for Europe.


HORIZON-CL2-2024-TRANSFORMATIONS-01-02: Strengthen economic fairness and resilience of active labour market policies and address high unemployment.

HORIZON-CL2-2024-TRANSFORMATIONS-01-03: Minimise costs and maximise benefits of job creation and job destruction.
HORIZON-CL2-2024-TRANSFORMATIONS-01-04: Social services: economic and social returns and value added.

HORIZON-CL2-2024-TRANSFORMATIONS-01-05: Social dialogue in the new world of work


HORIZON-CL2-2024-TRANSFORMATIONS-01-07: Methodologies for teamworking of researchers – reinforcing transversal collaborative skills, behavioural and implementation sciences.

HORIZON-CL2-2024-TRANSFORMATIONS-01-08: Arts and cultural awareness and expression in education and training.

HORIZON-CL2-2024-TRANSFORMATIONS-01-09: The role of social economy in addressing social exclusion, providing quality jobs and greater sustainability.

HORIZON-CL2-2024-TRANSFORMATIONS-01-10: Effective education and labour market transitions of young people.

HORIZON-CL2-2024-TRANSFORMATIONS-01-11: Assessing and strengthening the complementarity between new technologies and human skills.
**Govert Valkenburg**

Department of Interdisciplinary Studies of Culture  
Faculty of Humanities

**Contact information**
govert.valkenburg@ntnu.no  
+47 94896748

**Expertise**
Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.  
Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.  
These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

**Relevant projects**
My research experience of 20 years has been entirely project-based. European projects have included:
- PRISMS (privacy and security),  
- MILESECURE2050 (low-carbon transitions and energy security).

**Giuseppe Pellegrini Masini**

Department of Teacher Education - Social Studies  
Faculty of Social and Educational Sciences

**Contact information**
giuseppe.p.masini@ntnu.no  
+47 98879798

**Relevant links outside academia**
I worked with local authorities in Italy and I have a network of researchers in consultancies with whom I collaborated on EU projects.

**Expertise**
Research experience in climate citizenship, energy justice, Just Transition, energy social innovations and sustainable bottom-up initiatives, among other social environmental topics.

**Relevant projects**
- **H2020 ACCTING**  
  Advancing behavioural Change Through an INclusive Green deal
- **H2020 SMARTeES** Social innovation Modelling Approaches to Realizing Transition to Energy Efficiency and Sustainability
Roberto Iacono

**Department of Social Work**
Faculty of Social and Educational Sciences

**Contact information**
roberto.iacono@ntnu.no  
+47 90946148

**Expertise**
My latest research is at the intersection between Public Economics, Labor Economics and Political Economy, with a focus on:

(i) Measurement of economic inequality  
(ii) Policy-relevant questions related to the «Nordic model» of economic development and welfare.

**Relevant projects**
Current project participant of the RCN-funded project “Make Taxation Fair” (FRIPRO, NOK 11.8 million, 2021-2026).

---

Chiara Bertolin

**Department of Mechanical and Industrial Engineering**
Faculty of Engineering

**Contact information**
chiara.bertolin@ntnu.no  
+47 48507716

**Expertise**
Professor of NDT for condition monitoring at Department of Mechanical and Industrial Engineering. Outstanding Academic Fellow at NTNU.

Current research activities comprise:

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- Environmental studies applied to assess existing conditions and damage appearance (e.g. location and severity) in materials constituting the built environment.
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**Relevant projects**
- PI and Coordinator of the SYMBOL Young Research Talent Project (2018-2022, funded by NRC) has sought for appropriate environmental conditions for historical buildings and cultural heritage collections made of wood.
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**Relevant links**
outside academia

- Chairman of the Technical committee TC20 of the European Structural Integrity Society (ESIS)
- Member of the Executive Committee of the Italian Group of Fracture (IGF)
- Expert of the European Committee for Standardization CEN/TC346 in WG7, WG14, and WG15
Roberto Lacono
Department of Social Work
Faculty of Social and Educational Sciences

My latest research is at the intersection between Public Economics, Labor Economics and Political Economy, with a focus on:
(i) Measurement of economic inequality
(ii) Policy-relevant questions related to the «Nordic model» of economic development and welfare.

Contact information
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+47 90946148

Eleftherios Papachristou
Department of Design
Faculty of Architecture and Design

Expertise
- Human-Centred Artificial Intelligence design
- Human-Computer Interaction
- Interaction design
- Conversational Interfaces,
- Value-centered AI
- Ethics/trust/transparency and AI
- Interface Evaluation.

Contact information
eleftherios.papachristos@ntnu.no
+47 47707238

Relevant projects
rurALLURE (EU H2020 CSA)
INTER-SOCIAL (EU INTERREG)
SERIES (EU FP7 CSA)
QALIBRA (EU FP6 CSA)
Roxanna Morote
Department of Psychology
Faculty of Social and Educational Sciences

Expertise
- Community and cross-cultural psychology.
- Multi-systemic resilience and protective factors.
- Adolescents, school, and community resilience.
- Intersectionality, gender, and ethnicity.
- Gender and sexual diversity, and women’s empowerment.

Relevant projects
- H2020 UPRIGHT: Universal Preventive Resilience Intervention Globally Implemented in Schools to improve and promote Mental Health For Teenagers.
- Work package: Cocreation and Regional Adaptation in 5 EU countries.
- MapRes: Mapping personal, professional, and community-based resilience resources for work inclusion in social services, women, and youths at-risk of permanent unemployment in Trøndelag.
- Building a Sustainable University Community (Fremtidens Campus).

Contact information
roxanna.morote@ntnu.no
+47 73412825

Relevant links outside academia
CRONICAS - Peru - Centre of Excellence in Chronic Diseases
Roberto Lacono
Department of Social Work
Faculty of Social and Educational Sciences

**Contact information**
roberto.lacono@ntnu.no
+47 90946148

**Expertise**
My latest research is at the intersection between Public Economics, Labor Economics and Political Economy, with a focus on:

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(ii) Policy-relevant questions related to the «Nordic model» of economic development and welfare.

**Relevant projects**
Current project participant of the RCN-funded project “Make Taxation Fair” (FRIPRO, NOK 11.8 million, 2021-2026).

Roxanna Morote
Department of Psychology
Faculty of Social and Educational Sciences

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+47 73412825

**Relevant links outside academia**
CRONICAS - Peru - Centre of Excellence in Chronic Diseases

**Expertise**
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Roberto Lacono

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Relevant projects
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Contact information
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+47 90946148
Govert Valkenburg
Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Expertise
Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

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These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:
- PRISMS (privacy and security),
- MILESECURE2050 (low-carbon transitions and energy security).

Contact information
govert.valkenburg@ntnu.no
+47 94896748

Eir-Anne Edgar
Department of Teacher Education
Faculty of Social and Educational Sciences

Expertise
Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

Contact information
eir-anne.edgar@ntnu.no
+47 41253485
Sara Brinch
Department of Design
Faculty of Architecture and Design

Contact information
sara.brinch@ntnu.no
+4792842327

Expertise
My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects
Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations"
LINK
Govert Valkenburg
Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Expertise
Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

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Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:

- PRISMS (privacy and security),
- MILESECURE2050 (low-carbon transitions and energy security).

Astrid S. de Wijn
Department of Mechanical and Industrial Engineering
Faculty of Engineering

Expertise
Theory and modelling of systems out of equilibrium.

Network dynamics and simulations, including opinion dynamics.

Contact information
astrid.dewijn@ntnu.no

Relevant projects
Dynamics of collective action to conserve a large common-pool resource, David Andersson, Sigrid Bratsberg, Andrew K. Ringsmuth, Astrid S. de Wijn Scientific Reports volume 11, Article number: 9208 (2021).

Mehmet Sercan Uztosun
Department of Teacher Education
Faculty of Social and Educational Sciences

Expertise
Pre-service and in-service teacher education, teaching and learning English

Contact information
mehmet.s.uztosun@ntnu.no
+4746286380

Relevant projects
Carried out internal research projects on testing English speaking and self-regulation.
Elli Verhulst
Department of Industrial Economics and Technology Management
Faculty of Economics and Management

Contact information
elli.verhulst@ntnu.no
+47 73590164

Expertise
Sustainable innovation and entrepreneurship,
interdisciplinary collaboration, human factors
sustainable/circular business models, integration
processes, method and tool development,

Relevant projects
- Integration of sustainability in innovation processes at SMEs - different projects
- Tools and method development for sustainable innovation and entrepreneurship - different projects
- Digifab, supporting SMEs to move towards Industry 4.0 (NFR funding)
- Prisms Practical and Innovative Solutions for Manufacturing Sustainability (University of Cambridge, IfM ECS)
- HoIE-LIB – Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU (NTNU Sustainability)
- MINDER - Methodologies for Improvement of Non-residential buildings' Day-to-day Energy efficiency Reliability (NFR funding)
- SFU Engage – Entrepreneurship education for educators (HKdir)

Casper Boks
Department of Design
Faculty of Architecture and Design

Contact information
casper.boks@ntnu.no

Expertise
Design for sustainable behaviour and practices;
Consumer acceptance and adoption of circular paradigms;
Managerial implementation of Design for Sustainability.

Relevant projects
"Circular European Economy Innovative Training Network (CIRCÉUIT)” (H2020 MSCA-ITN) "Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU". (HoIE-LIB) (NTNU Sustainability funded)

"Narrating Sustainability” (NTNU Sustainability funded)

"Design of Insect- and Insect-based Food Products” (ERA-NET LAC II/Norwegian Science Counc
Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

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govert.valkenburg@ntnu.no
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- MILESECURE2050 (low-carbon transitions and energy security).

Astrid S. de Wijn

Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information
astrid.dewijn@ntnu.no

Expertise
Theory and modelling of systems out of equilibrium.

Network dynamics and simulations, including opinion dynamics.

Relevant projects
Dynamics of collective action to conserve a large common-pool resource, David Andersson, Sigrid Bratsberg, Andrew K. Ringsmuth, Astrid S. de Wijn Scientific Reports volume 11, Article number: 9208 (2021).
Mehmet Sercan Uztosun

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information
mehmet.s.uztosun@ntnu.no
+4746286380

Expertise
Pre-service and in-service teacher education, teaching and learning English

Relevant projects
Carried out internal research projects on testing English speaking and self-regulation

---

Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information
eir-anne.edgar@ntnu.no
+47 41253485

Expertise
Literature and culture, didactics/pedagogy, gender and women’s studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:
Research and position in teacher education
Isabell Richter
Department of Psychology
Faculty of Social and Educational Sciences

Contact information
isabel.richter@ntnu.no
+47 40611965

Relevant contacts outside academia
NORSUS
WWF

Expertise
Environmental psychology, behavior change, evaluation of interventions, creative ways of communication, inclusion and diversity

Relevant projects
- GCRF Blue communities
- NFR Nature in your Face
- Handelens Miljøfond human dimension of plastic pollution

Sara Brinch
Department of Design
Faculty of Architecture and Design

Contact information
sara.brinch@ntnu.no
+4792842327

Expertise
My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects
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Faculty of Engineering

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- Environmental studies applied to assess existing conditions and damage appearance (e.g. location and severity) in materials constituting the built environment.
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**Relevant projects**
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Lorenzo Cañás Bottos

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Faculty of Social and Educational Sciences

**Expertise**
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**Relevant projects**
Giuseppe Pellegrini Masini

Department of Teacher Education - Social Studies
Faculty of Social and Educational Sciences

**Contact information**
giuseppe.p.masini@ntnu.no
+47 98079798

**Expertise**
Research experience in climate citizenship, energy justice, Just Transition, energy social innovations and sustainable bottom-up initiatives, among other social environmental topics.

**Relevant projects**
- H2020 ACCTING
  Advancing behavioural Change Through an INclusive Green deal
- H2020 SMARTERES Social innovation Modelling Approaches to Realizing Transition to Energy Efficiency and Sustainability
Kjersti Kjos Longva

**Department of International Business**
Faculty of Economics and Management

**Contact information**
kjersti.kjos.longva@ntnu.no
+47 70 16 12 94

**Relevant links outside academia**
Industry, cluster organizations, entrepreneurs and public sector.

**Expertise**
Entrepreneurship, SMEs, entrepreneurship education, management education, innovation education, management education, innovation skills, innovation processes, university-industry collaboration, sustainable business models.

**Relevant projects**
ERASMUS+ project BLUWEBC Sustainable development of BLUE Economics through higher education and innovation in Western Balkan Countries.
InnoPraksis - Innovative internships in business education.
TEFT-lab at NTNU.

Mari-Ana Myfanwy Jones

**Department of Teacher Education**
Faculty of Social and Educational Sciences

**Contact information**
mari.a.jones@ntnu.no
+4798051254

**Relevant links outside academia**
Considerable network within the education sector of Norway, including the Department of Education and at county and municipality levels.

**Expertise**
Associate Professor, Organisation and Leadership in the Education Sector

**Expertise specific to call:**
Previous research on the impact of Covid on schools and school leaders.
Previous research on participation in education using mixed methods, which included dialogue with children and young people.

**Relevant projects**
Leadership of a number of externally financed projects (within Norway) which involve collaboration between academia and the education sector in Norway.
Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Expertise
Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:
Research and position in teacher education

Contact information
eir-anne.edgar@ntnu.no
+47 41253485

Roberto Iacono

Department of Social Work
Faculty of Social and Educational Sciences

Expertise
My latest research is at the intersection between Public Economics, Labor Economics and Political Economy, with a focus on:

(i) Measurement of economic inequality
(ii) Policy-relevant questions related to the «Nordic model» of economic development and welfare.

Relevant projects
Current project participant of the RCN-funded project “Make Taxation Fair” (FRIPRO, NOK 11.8 million, 2021-2026).

Contact information
roberto.iacono@ntnu.no
+47 90946148
Roxanna Morote
Department of Psychology
Faculty of Social and Educational Sciences

Contact information
roxanna.morote@ntnu.no
+47 73412825

Expertise
- Community and cross-cultural psychology.
- Multi-systemic resilience and protective factors.
- Adolescents, school, and community resilience
- Intersectionality, gender, and ethnicity.
- Gender and sexual diversity, and women’s empowerment

Relevant projects
- H2020 UPRIGHT: Universal Preventive Resilience Intervention Globally Implemented in Schools to improve and promote Mental Health For Teenagers.
- Work package: Cocreation and Regional Adaptation in 5 EU countries.
- MapRes: Mapping personal, professional, and community-based resilience resources for work inclusion in social services, women, and youths at-risk of permanent unemployment in Trøndelag.
- Building a Sustainable University Community (Fremtids Campus)

Relevant links outside academia
CRONICAS - Peru - Centre of Excellence in Chronic Diseases

Mehmet Sercan Uztosun
Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information
mehmet.s.uztosun@ntnu.no
+4746286380

Expertise
Pre-service and in-service teacher education, teaching and learning English

Relevant projects
Carried out internal research projects on testing English speaking and self-regulation
Kjersti Kjos Longva

Department of International Business
Faculty of Economics and Management

Contact information
kjersti.kjos.longva@ntnu.no
+47 70 16 12 94

Relevant links outside academia
Industry, cluster organizations, entrepreneurs and public sector.

Expertise
Entrepreneurship, SMEs, entrepreneurship education, innovation in education, management education, innovation skills, innovation processes, university-industry collaboration, sustainable business models.

Relevant projects
ERASMUS+ project BLUEWBC Sustainable development of BLUE Economics through higher education and innovation in Western Balkan Countries.
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TEFT-lab at NTNU.

Elli Verhulst

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Faculty of Economics and Management

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+47 73590164

Expertise
Sustainable innovation and entrepreneurship, interdisciplinary collaboration, human factors sustainable/circular business models, integration processes, method and tool development.

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Sara Brinch

**Department of Design**  
Faculty of Architecture and Design

**Contact information**  
sara.brinch@ntnu.no  
+4792842327

**Expertise**  
My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

**Relevant projects**  
Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations"  
[LINK](#)

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Arne Anderson Stamnes

**Department of Archaeology and Cultural history**  
Faculty of NTNU University Museum

**Contact information**  
arne.stamnes@ntnu.no  
+49 90958457

**Relevant links**  
outside academia  
Good communication and contact with various instrument manufacturers.

**Expertise**  
Non-instrusive geophysical investigations of cultural heritage monuments and landscapes, GIS-modelling, cultural historical analysis, landscape archaeology

**Relevant projects**  
Various collaborative and commercial archaeo-geophysical projects in Norway and Abroad.  
Norwegian Research-Council funded International Mobility Grant ("PastCoast").

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Eleftherios Papachristou

**Department of Design**  
Faculty of Architecture and Design

**Contact information**  
eleftherios.papachristos@ntnu.no  
+47 47707238

**Expertise**  
- Human-Centred Artificial Intelligence design  
- Human-Computer Interaction  
- Interaction design  
- Conversational Interfaces,  
- Value-centered AI  
- Ethics/trust/transparency and AI  
- Interface Evaluation.

**Relevant projects**  
rurALLURE (EU H2020 CSA)  
INTER-SOCIAL (EU INTERREG)  
SERIES (EU FP7 CSA)  
QALIBRA (EU FP6 CSA)
Govert Valkenburg
Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Expertise
Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects
My research experience of 20 years has been entirely project-based. European projects have included:

- PRISMS (privacy and security),
- MILESECURE2050 (low-carbon transitions and energy security).

Contact information
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