



AALBORG UNIVERSITET

HORIZON EUROPE 2025/2026 CALLS

CLUSTER 6 – FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT

AAU Fundraising & Project Management Office



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INTRODUCTION

AAU HORIZON EUROPE COMPENDIUM

Interested in finding academic partners for the upcoming Horizon Europe calls? At AAU, we have collected, mapped, and showcased AAU researchers' interest in collaborating on specific topics within the six clusters of Pillar 2 (including EU Missions & Cross-cutting activities). Each compendium displays our showcased researcher's relevant expertise within each identified topic, which makes it easy to locate AAU researchers who are interested in collaborating and providing their expertise in your next Horizon Europe proposal.

ABOUT AAU

AAU has campuses in Aalborg, Copenhagen, and Esbjerg, as well as an EU office in Brussels. We have 3.700 staff, 18.000 students and an annual turnover of DKK 3 billion.

AAU is a comprehensive university covering four faculties and 18 departments, such as Sustainability and Planning, Energy, Health Science and Technology, Computer Science, Built Environment, Politics and Society, Culture and Learning.

With problem-based learning at the heart of educational programs, AAU researchers and students are well-equipped to take on current and future societal, environmental and economic challenges.

OUR PROFILE AND DNA – WHY SHOULD YOU PARTNER WITH US?

Collaboration is heavily embedded in the DNA of AAU. We have a strong and natural collaboration with industry and the surrounding society – thus our current strategy is labeled “Knowledge for the World 2.0”.

We are a mission-oriented university, with three identified AAU Missions:

1. A Sustainable Danish Energy System
2. Improved Wellbeing Among Children and Youth in Denmark
3. Improving Health Through Coherence and Individualisation

As the second best ranked engineering university in Europe, and being no. 16 globally (ranking from the U.S. News & World Report), as well as being in top 5 of universities pursuing the UN sustainable development goals (THE University Impact Rating), we are a very capable partner and collaborator.

AAU has contributed as coordinator or partner in close to 200 projects in the EU Horizon 2020 Framework Programme. For Horizon Europe we have – so far – contributed to more than 150 projects. We are setting even more ambitious targets for Horizon Europe in 2025 and going forward.

DESTINATION 1

BIODIVERSITY AND ECOSYSTEM SERVICES

DESTINATION 1: CALLS

CALL – BIODIVERSITY AND ECOSYSTEM SERVICES

HORIZON-CL6-2025-01-BIODIV-06: Assessing and modelling socio-economic impacts of nature restoration (RIA)

HORIZON-CL6-2025-01-BIODIV-07: Integrated and coordinated approaches for coral reefs and associated ecosystems (mangroves and seagrass beds) conservation, restoration, and climate mitigation and adaptation (RIA)

HORIZON-CL6-2025-01-BIODIV-09: Understanding the perceptions of and improving communication on the biodiversity crisis and nature restoration benefits to sustain citizen engagement and democratic governance (RIA)

HORIZON-CL6-2025-01-BIODIV-06: ASSESSING AND MODELLING SOCIO-ECONOMIC IMPACTS OF NATURE RESTORATION (RIA)



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HIGHLIGHTED AAU RESEARCH GROUPS

Centre for Blue Governance, Dept. of
Sustainability & Planning

MEMBERSHIP OF EU PARTNERSHIPS

EU CostAction RethinkBlue

AREA OF EXPERTISE

Coastal communities
Coastal gentrification
Blue economy
Transitions
EU marine governance
Sociocultural connections
to the sea
Fisheries management and
policy
Marine ecosystem
restoration
Coastal & maritime cultural
heritage
Intangible cultural heritage
Climate change adaptation
Justice
Social science methods
and approaches

RELEVANT PROJECTS

Marine ecosystem
restoration work and
publications (Ounanian
et al. 2018, Ounanian et
al. 2020, van Tatenhove
et al. 2022)

Relevant previous
projects: MERCES,
ObamaNext

HORIZON-CL6-2025-01-BIODIV-07: INTEGRATED AND COORDINATED APPROACHES FOR CORAL REEFS AND ASSOCIATED ECOSYSTEMS (MANGROVES AND SEAGRASS BEDS) CONSERVATION, RESTORATION, AND CLIMATE MITIGATION AND ADAPTATION (RIA)



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HIGHLIGHTED AAU RESEARCH GROUPS

NETWORK MEMBER, BLUE - MARINE AND MARITIME RESEARCH

RELEVANT LINKS OUTSIDE ACADEMIA

RESEARCH FELLOW |
AQUACULTURE GOVERNANCE INDICATORS (AGI) Project

AREA OF EXPERTISE

Coastal communities
Aquaculture governance
Fisheries management
Fishing livelihoods
Social well-being
Coastal fisheries Cambodia
Urban climate resilience

RELEVANT PROJECTS

Extensive experience in conducting fieldwork in coastal, mangrove estuary environment (Cambodia) (PhD research)

HORIZON-CL6-2025-01-BIODIV-09: UNDERSTANDING THE PERCEPTIONS OF AND IMPROVING COMMUNICATION ON THE BIODIVERSITY CRISIS AND NATURE RESTORATION BENEFITS TO SUSTAIN CITIZEN ENGAGEMENT AND DEMOCRATIC GOVERNANCE (RIA)



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RELEVANT LINKS OUTSIDE ACADEMIA

Maritime sector, research institutions, public sector

AREA OF EXPERTISE

Marine governance
Ocean governance
International collaboration
International relations
Integrated AI /AI and society
Science-policy
Strategic communication
Maritime sector
Theory and conceptual development
Foreign policy
Security
Ocean infrastructure
Green transition
Blue economy
Marine biodiversity

RELEVANT EXPERTISE/PROJECTS

Communication: conduct qualitative analysis of the formation, projection and reception of biodiversity crisis communication and nature restoration benefits.

Co-creation: research barriers and pathways to democratic governance and citizen engagement. Participatory methodologies; focus on knowledge pluralism, capabilities.

Public policy and biodiversity crisis: policy analysis – e.g. coherence and performance – on the national, EU and global scales.

DESTINATION 2

**FAIR, HEALTHY AND ENVIRONMENT-
FRIENDLY FOOD SYSTEM FROM
PRIMARY PRODUCTION TO
CONSUMPTION**

DESTINATION 2: CALLS

CALL – FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEM FROM PRIMARY PRODUCTION TO CONSUMPTION

HORIZON-CL6-2025-02-FARM2FORK-01-two-stage: Emerging and future risks to plant health (RIA)

HORIZON-CL6-2025-02-FARM2FORK-02-two-stage: Open Topic: Innovating for on-farm post-harvest operations, storage and transformation of crops into food and non-food products (RIA)

HORIZON-CL6-2025-02-FARM2FORK-10: Diversifying aquaculture production with emphasis on low-trophic species (IA)

HORIZON-CL6-2025-02-FARM2FORK-11: Towards modern, integrated, and effective fisheries monitoring, control and surveillance (MCS) systems (IA)

HORIZON-CL6-2025-02-FARM2FORK-03-two-stage: Making food systems more resilient to food safety risks through the deployment of technological solutions (IA)

HORIZON-CL6-2025-02-FARM2FORK-01-TWO-STAGE: EMERGING AND FUTURE RISKS TO PLANT HEALTH (RIA)



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Indoor Environment

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HIGHLIGHTED AAU RESEARCH GROUPS

Head of research group **Fungi and
Problematic Substances**, BUILD-
AAU

Associated member of research
group **Building Physics**, BUILD-
AAU

AREA OF EXPERTISE

Fungal growth and mycotoxin production
Detection of fungal contamination in agriculture, foods,
plants and buildings
Identification (DNA, culture) of fungi and mold
Associations between fungi and construction materials
Bio-based and recycled construction materials
Moisture, humidity and water

HORIZON-CL6-2025-02-FARM2FORK-02-TWO-STAGE: OPEN TOPIC: INNOVATING FOR ON-FARM POST-HARVEST OPERATIONS, STORAGE AND TRANSFORMATION OF CROPS INTO FOOD AND NON-FOOD PRODUCTS (RIA)



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Identification (DNA, culture) of fungi and mold
Associations between fungi and construction materials
Bio-based and recycled construction materials
Moisture, humidity and water

HORIZON-CL6-2025-02-FARM2FORK-10: DIVERSIFYING AQUACULTURE PRODUCTION WITH EMPHASIS ON LOW- TROPIC SPECIES (IA)



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MARINE AND MARITIME RESEARCH

RELEVANT LINKS OUTSIDE ACADEMIA

RESEARCH FELLOW |
AQUACULTURE GOVERNANCE
INDICATORS (AGI) Project

AREA OF EXPERTISE

Coastal communities
Aquaculture governance
Fisheries management
Fishing livelihoods
Social well-being
Coastal fisheries
Cambodia
Urban climate resilience

RELEVANT PROJECTS

AQUACULTURE
GOVERNANCE
INDICATORS
(AGI) Project

HORIZON-CL6-2025-02-FARM2FORK-11: TOWARDS MODERN, INTEGRATED, AND EFFECTIVE FISHERIES MONITORING, CONTROL AND SURVEILLANCE (MCS) SYSTEMS (IA)



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INDICATORS (AGI) Project

AREA OF EXPERTISE

Coastal communities
Aquaculture governance
Fisheries management
Fishing livelihoods
Social well-being
Coastal fisheries
Cambodia
Urban climate resilience

RELEVANT PROJECTS

AQUACULTURE
GOVERNANCE
INDICATORS
(AGI) Project

HORIZON-CL6-2025-02-FARM2FORK-03-TWO-STAGE: MAKING FOOD SYSTEMS MORE RESILIENT TO FOOD SAFETY RISKS THROUGH THE DEPLOYMENT OF TECHNOLOGICAL SOLUTIONS (IA)



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Detection of fungal contamination in agriculture, foods,
plants and buildings
Identification (DNA, culture) of fungi and mold
Associations between fungi and construction materials
Bio-based and recycled construction materials
Moisture, humidity and water

DESTINATION 3

CIRCULAR ECONOMY AND BIOECONOMY SECTORS

DESTINATION 3: CALLS

CALL – CIRCULAR ECONOMY AND BIOECONOMY SECTORS

HORIZON-CL6-2025-01-CIRCBIO-01: Novel circular business models to enable the just transition to a sustainable and circular economy (IA)

HORIZON-CL6-2025-01-CIRCBIO-02: Improving ecodesign of products and development of testing methods for products prioritised under the Ecodesign for Sustainable Products Regulation (RIA)

HORIZON-CL6-2025-01-CIRCBIO-05: Consumption patterns and environmental awareness as enablers of transition to circular economy (IA)

HORIZON-CL6-2025-01-CIRCBIO-01-two-stage: Open Topic: Innovative solutions for the sustainable and circular transformation of SMEs (IA)

HORIZON-CL6-2025-01-CIRCBIO-08: Demonstration, deployment and upscaling of circular systemic solutions in cities and regions (Circular Cities and Regions Initiative) (IA)

HORIZON-CL6-2025-01-CIRCBIO-09: Unleashing the potential and advancing the impact of the digitalization/artificial intelligence of the climate-neutral bio-based value chains (IA)

HORIZON-CL6-2025-01-CIRCBIO-13: Reconstructing areas affected by conflicts: the role of the bio-based solutions (RIA)

HORIZON-CL6-2025-01-CIRCBIO-01: NOVEL CIRCULAR BUSINESS MODELS TO ENABLE THE JUST TRANSITION TO A SUSTAINABLE AND CIRCULAR ECONOMY (IA)



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HIGHLIGHTED AAU RESEARCH GROUPS

Design for Sustainability research
group at PLAN, Green Market Making
(PI), Dynamics of Problematization
(GT-DYNPROP), KINETIC, BioStore

MEMBERSHIP OF EU PARTNERSHIPS

Extensive international network in
economic sociology and political
economy.

AREA OF EXPERTISE

Fields: Economic sociology and political economy,
STS/ANT

Themes: EU competition regulation (finance, energy,
AI, treaties), DK, French, and EU energy markets and
policy, entrepreneurial/green state, politics of
expertise, economic discourse and bureaucratic
knowledge

Methods: Quant and qual, elite interviewing,
discourse analysis, survey methodology, text mining

Economic sociology, design for sustainability, market
creation, EU regulation

HORIZON-CL6-2025-01-CIRCBIO-02: IMPROVING ECODESIGN OF PRODUCTS AND DEVELOPMENT OF TESTING METHODS FOR PRODUCTS PRIORITISED UNDER THE ECODESIGN FOR SUSTAINABLE PRODUCTS REGULATION (RIA)



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expertise, economic discourse and bureaucratic
knowledge

Methods: Quant and qual, elite interviewing,
discourse analysis, survey methodology, text mining

Economic sociology, design for sustainability, market
creation, EU regulation

HORIZON-CL6-2025-01-CIRCBIO-05: CONSUMPTION PATTERNS AND ENVIRONMENTAL AWARENESS AS ENABLERS OF TRANSITION TO CIRCULAR ECONOMY (IA)



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The Faculty of Social Sciences and Humanities

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HIGHLIGHTED AAU RESEARCH GROUPS

Research Group of International Business; Member of Sustainability Lab; Member of Green Society

MEMBERSHIP OF EU PARTNERSHIPS

Member of European International Business Academy

RELEVANT LINKS OUTSIDE ACADEMIA

Connections with Innovation Center Denmark (ICDK), Shanghai; Port of Aalborg (Denmark) and other big ports in China; ESG consulting companies (China and Denmark); Textile industry associations and relevant companies, China; Retail industry contacts in China; big Chinese banks; cross-border M&A consulting companies

AREA OF EXPERTISE

My expertise and research intersect the disciplines of International Business and Corporate Finance, employing both quantitative methods and qualitative case study approaches.

Specifically, my work focuses on:

Companies' international business strategies and collaboration, including strategic alliances and cross-border mergers and acquisitions
CSR/ESG, green transition and investment, sustainable business model
Cross-cultural management in global business contexts
Organizational change management
Corporate governance

Research on SMEs and Start-ups; circular business model

RELEVANT PROJECTS

Supervising a PhD project on asymmetrical alliances between small firms and large multinational enterprises. Supervising multiple master's theses on circular and sustainable business model innovation.

Participating in the national research project "Dynamic Equity Incentives and

Continuous Creativity of Start-up Teams from the Perspective of Value Co-creation".

Contributing to an EU-funded project focused on circularity in the textile industry.

Participating in the national research project titled "Research on Open Innovation Embedded Mode and Policy Target Selection from the Perspective of Industrial Architecture: Taking Wind Power Industry as an Example"

HORIZON-CL6-2025-01-CIRCBIO-01-TWO-STAGE: OPEN TOPIC: INNOVATIVE SOLUTIONS FOR THE SUSTAINABLE AND CIRCULAR TRANSFORMATION OF SMES (IA)



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The Faculty of Social Sciences and Humanities

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CSR/ESG, green transition and investment, sustainable business model
Cross-cultural management in global business contexts
Organizational change management
Corporate governance

Research on SMEs and Start-ups; circular business model

RELEVANT PROJECTS

Supervising a PhD project on asymmetrical alliances between small firms and large multinational enterprises. Supervising multiple master's theses on circular and sustainable business model innovation.

Participating in the national research project "Dynamic Equity Incentives and Continuous Creativity of Start-up Teams from the Perspective of Value Co-creation".

Contributing to an EU-funded project focused on circularity in the textile industry.

Participating in the national research project titled "Research on Open Innovation Embedded Mode and Policy Target Selection from the Perspective of Industrial Architecture: Taking Wind Power Industry as an Example"

HORIZON-CL6-2025-01-CIRCBIO-07: DEMONSTRATION, DEPLOYMENT AND UPSCALING OF CIRCULAR SYSTEMIC SOLUTIONS IN CITIES AND REGIONS (CIRCULAR CITIES AND REGIONS INITIATIVE) (IA)



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HIGHLIGHTED AAU RESEARCH GROUPS

Member of Division of
Sustainability of Buildings
BUILD – Department of the Built
Environment

RELEVANT LINKS OUTSIDE ACADEMIA

Danish building industry, Danish
Authority of Social Services and
Housing, Danish strategy
network for sustainable buildings

AREA OF EXPERTISE

Sustainable building
refurbishment strategies
Environmental assessment of
refurbishment
Development of
environmental assessment
tools
Life Cycle Assessment (LCA)
for buildings and
construction products
Environmental assessment of
circular economy solutions
Embodied carbon
benchmarks and targets
Environmental assessment in
building design
Sustainable building
certifications
National LCA methodologies
for building regulation

RELEVANT PROJECTS

**From element
construction to material
bank - The Resource
Block (Ressource
Blokken):** methods and
benefits of ensuring
reuse of hollow concrete
slabs from demolished
buildings in the most
challenged vulnerable
residential regions in
Denmark (Danish project)
Circularity City: Guide
and methods for
designing and assessing
the climate impact of
circular solutions in
buildings.



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HIGHLIGHTED AAU RESEARCH GROUPS

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BUILD – Department of the Built Environment

RELEVANT LINKS OUTSIDE ACADEMIA

Board member: (1) Danish Green Building Council, (2) Board member of Molio (Danish knowledge center for buildings and infrastructure). Advisory board: (1) Green transition Denmark, (2) EPD Denmark. Danish Governmental climate partnerships for construction (2019-2020). Danish governmental advisory board for ecological building practice (2013-2015). Nordic and Europe-wide consultancy firms, Danish building industry, Danish Authority of Social Services and Housing, CEN/TC350/WG1 (former participant). Nordic building Authorities.

AREA OF EXPERTISE

Life Cycle Assessment (LCA) for buildings, infrastructure and construction products
Sustainable building refurbishment strategies
Development of environmental assessment tools
Environmental assessment of circular economy solutions
Sustainable building certification processes
National LCA methodologies for building regulation
Embodied carbon benchmarks and targets
Biobased products and construction
Biodiversity assessments for the built environment
Dynamic and consequential LCA
Absolute environmental sustainability assessments

RELEVANT PROJECTS

iBuildGreen: building stock modelling to support a circular and green transition (national project)
Circularity City: National Home.Earth Doughnut: Doughnut Economics principles for urban development projects (national project)
Ressource Blokken: From element construction to material bank
Circle House: National project, evaluating DfD on a real case
Upcycle House: National project, evaluating upcycling on a real case



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HIGHLIGHTED AAU RESEARCH GROUPS

Member of Division of Sustainability of Buildings
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RELEVANT LINKS OUTSIDE ACADEMIA

Danish building industry, Danish Authority of Social Services and Housing, Danish strategy network for sustainable buildings, Sustainable Energy Authority of Ireland, Natural Sciences and Engineering Research Council of Canada (NSERC), European Social Fund

AREA OF EXPERTISE

Life Cycle Assessment (LCA) for buildings and construction products
Sustainable building refurbishment strategies
Development of environmental assessment tools
Environmental assessment of circular economy solutions
Sustainable building certification processes
National LCA methodologies for building regulation
Embodied carbon benchmarks and targets
Biobased products and construction
Biodiversity assessments for the built environment
Dynamic and consequential LCA
Absolute environmental sustainability assessments
Future-oriented LCA
Uncertainty and sensitivity analysis

RELEVANT PROJECTS

The good documentation process for recycled materials (national project)
iBuildGreen: building stock modelling to support a circular and green transition (national project)
INBLANC: Industrialisation of Building Lifecycle data Accumulation, Numeracy and Capitalisation (European project)



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HIGHLIGHTED AAU RESEARCH GROUPS

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BUILD – Department of the Built
Environment

RELEVANT LINKS OUTSIDE ACADEMIA

CEN/TC350/SC1 - Circular
Economy in the Construction
Sector (participant),
IEA EBC Annex 95 - Human-
Centric Buildings for a Changing
Climate (participant),
Nordic sustainable construction
(projects),
Danish Authority of Social
Services and Housing (projects),
Danish construction sector
(projects),
Danish strategy network for
sustainable buildings (member,
projects), Danish Association of
Architects (member)

AREA OF EXPERTISE

Biobased / regenerative
architecture
Sufficiency, efficiency,
consistency
Net-zero emission buildings
Design for Disassembly
(DfD), Design for
Adaptability (DfA), Circular
economy
Building design, urban
planning, landscape,
construction process,
construction products
Life Cycle Assessment
(LCA), Carbon footprinting
Environmental assessment
methods and tools
Multi-objective optimization
Energy performance,
renewable energy, energy
retrofitting
Building regulation, policy
making
Energy Performance of
Buildings Directive (EPBD)

RELEVANT PROJECTS

Circularity City: Carbon
footprint of upcycling in
construction

EUDP 2022-II: Mitigation
of resource consumption
in construction processes



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HIGHLIGHTED AAU RESEARCH GROUPS

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MEMBERSHIP OF EU PARTNERSHIPS

European Network of Building Research Institutes (ENBRI)

RELEVANT LINKS OUTSIDE ACADEMIA

CEN/TC350/WG1, Nordic Sustainable Construction Group (Nordic Innovation), Nordic, Swiss, German and Europe-wide consultancy firms, Danish building industry, Danish Authority of Social Services and Housing

AREA OF EXPERTISE

Life Cycle Assessment (LCA) for buildings and construction products
Environmental impact benchmarking and target-setting
LCA methodologies for building regulations and policy development
Performance assessment for circular building strategies
Low carbon, net zero carbon and carbon negative building and urban solutions
Sustainable building refurbishment methods
Development of environmental assessment tools
Sustainable building certification processes
Carbon storage accounting approaches
Future-oriented LCA
Sustainable urban development
Standardization

RELEVANT PROJECTS

From element construction to material bank - The Resource Block (Ressource Blokken): methods and benefits of ensuring reuse of hollow concrete slabs from demolished buildings in the most challenged vulnerable residential regions in Denmark (Danish project)
Reallabor 131: KIT findet Stadt: Urban Transition Lab 131, integration of science, innovation and urban development in a transdisciplinary process together with citizens and other local actors (German project)
IEA EBC Annex 89: Ways to Implement Net-zero Whole Life Carbon Buildings (international project)



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HIGHLIGHTED AAU RESEARCH GROUPS

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BUILD – Department of the Built
Environment

RELEVANT LINKS OUTSIDE ACADEMIA

Consultancy for the Danish
Authority of Social Services and
Housing
Consultancy for the Agency for
Public Finance and Management
- Ministry of Finance
Consultancy for the Danish
Business Authority

AREA OF EXPERTISE

System thinking and modelling
Life cycle assessment (LCA)
Consequential life cycle
assessment (CLCA)
Input-output modelling
Absolute environmental
sustainability assessment
Forestry management and
modelling
Dynamic GHG modelling
Buildings of wood and
biogenic materials
Sustainable buildings
Material flow analysis

System modelling
Market information in
circular/sustainability
strategies
Quantification of
environmental impacts, also
beyond climate change e.g.,
land use, biodiversity
Material flow and stock
analysis

RELEVANT PROJECTS

Danish Authority of
Social Services and
Housing (projects)



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HIGHLIGHTED AAU RESEARCH GROUPS

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BUILD – Department of the Built
Environment

RELEVANT LINKS OUTSIDE ACADEMIA

Consultancy and collaboration
with the Danish building industry
Consultancy for the Danish
Authority of Social Services and
Housing

AREA OF EXPERTISE

Life Cycle Assessment of
product systems, with a
particular focus on buildings
Timber and biobased
constructions
Dynamic Life Cycle Assessment
Biogenic carbon accounting in
Life Cycle Assessment
Absolute environmental
sustainability assessments
Environmental assessments of
circular economy
General building background
with a focus on load-bearing
structures

RELEVANT PROJECTS

Circularity City

HORIZON-CL6-2025-01-CIRCBIO-10: UNLEASHING THE POTENTIAL AND ADVANCING THE IMPACT OF THE DIGITALIZATION/ARTIFICIAL INTELLIGENCE OF THE CLIMATE- NEUTRAL BIO-BASED VALUE CHAINS (IA)



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HIGHLIGHTED AAU RESEARCH GROUPS

Research Group of International Business;
Member of Sustainability Lab; Member of
Green Society

MEMBERSHIP OF EU PARTNERSHIPS

Member of European International
Business Academy

RELEVANT LINKS OUTSIDE ACADEMIA

Connections with Innovation Center
Denmark (ICDK), Shanghai; Port of Aalborg
(Denmark) and other big ports in China;
ESG consulting companies (China and
Denmark); Textile industry associations
and relevant companies, China; Retail
industry contacts in China; big Chinese
banks; cross-border M&A consulting
companies

AREA OF EXPERTISE

My expertise and research intersect the
disciplines of International Business and
Corporate Finance, employing both quantitative
methods and qualitative case study approaches.
Specifically, my work focuses on:
Companies' international business strategies
and collaboration, including strategic alliances
and cross-border mergers and acquisitions
CSR/ESG, green transition and investment,
sustainable business model
Cross-cultural management in global business
contexts
Organizational change management
Corporate governance

Business strategy and value chain collaboration

HORIZON-CL6-2025-01-CIRCBIO-14: RECONSTRUCTING AREAS AFFECTED BY CONFLICTS: THE ROLE OF THE BIO-BASED SOLUTIONS (RIA)



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RELEVANT LINKS OUTSIDE ACADEMIA

Danish building industry, Danish
Authority of Social Services and
Housing, Danish strategy network
for sustainable buildings,
Sustainable Energy Authority of
Ireland, Natural Sciences and
Engineering Research Council of
Canada (NSERC), European Social
Fund

AREA OF EXPERTISE

Life Cycle Assessment (LCA)
for buildings and
construction products
Sustainable building
refurbishment strategies
Development of
environmental assessment
tools
Environmental assessment of
circular economy solutions
Sustainable building
certification processes
National LCA methodologies
for building regulation
Embodied carbon
benchmarks and targets
Biobased products and
construction
Biodiversity assessments for
the built environment
Dynamic and consequential
LCA
Absolute environmental
sustainability assessments
Future-oriented LCA
Uncertainty and sensitivity
analysis

RELEVANT PROJECTS

Environmental
consequences of
changing building
practices (national
project)
Climate and
environmental impacts
related to use of wood in
construction –
documentation and
research (national
project)
The good documentation
process for recycled
materials (national
project)
IEA EBC Annex 72:
Assessing Life Cycle
Related Environmental
Impacts Caused by
Buildings (international
project)



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HIGHLIGHTED AAU RESEARCH GROUPS

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RELEVANT LINKS OUTSIDE ACADEMIA

Board member: (1) Danish Green Building Council, (2) Board member of Molio (Danish knowledge center for buildings and infrastructure). Advisory board: (1) Green transition Denmark, (2) EPD Denmark. Danish Governmental climate partnerships for construction (2019-2020). Danish governmental advisory board for ecological building practice (2013-2015). Nordic and Europe-wide consultancy firms, Danish building industry, Danish Authority of Social Services and Housing, CEN/TC350/WG1 (former participant). Nordic building Authorities.

AREA OF EXPERTISE

Life Cycle Assessment (LCA) for buildings, infrastructure and construction products
Sustainable building refurbishment strategies
Development of environmental assessment tools
Environmental assessment of circular economy solutions
Sustainable building certification processes
National LCA methodologies for building regulation
Embodied carbon benchmarks and targets
Biobased products and construction
Biodiversity assessments for the built environment
Dynamic and consequential LCA
Absolute environmental sustainability assessments

RELEVANT PROJECTS

Environmental consequences of changing building practices (national project)
Climate and environmental impacts related to use of wood in construction – documentation and research (national project)
Residential Construction from 4 to 1 planet (national project)
IEA EBC Annex 72: Assessing Life Cycle Related Environmental Impacts Caused by Buildings (international project)



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HIGHLIGHTED AAU RESEARCH GROUPS

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RELEVANT LINKS OUTSIDE ACADEMIA

CEN/TC350/SC1 - Circular
Economy in the Construction
Sector (participant),
IEA EBC Annex 95 - Human-
Centric Buildings for a Changing
Climate (participant),
Nordic sustainable construction
(projects),
Danish Authority of Social
Services and Housing (projects),
Danish construction sector
(projects),
Danish strategy network for
sustainable buildings (member,
projects), Danish Association of
Architects (member)

AREA OF EXPERTISE

Ukrainian network for
biogenic construction
Biobased / regenerative
architecture
Sufficiency, efficiency,
consistency
Net-zero emission buildings
Design for Disassembly
(DfD), Design for
Adaptability (DfA), Circular
economy
Building design, urban
planning, landscape,
construction process,
construction products
Life Cycle Assessment
(LCA), Carbon footprinting
Environmental assessment
methods and tools
Multi-objective optimization
Energy performance,
renewable energy, energy
retrofitting
Building regulation, policy
making
Energy Performance of
Buildings Directive (EPBD)

RELEVANT PROJECTS

Circularity City: Carbon
footprint of upcycling in
construction

LCA tools for carbon
optimised fire safety
strategies in biobased
buildings

Assessment tool for early
design stage LCA /
carbon footprinting



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HIGHLIGHTED AAU RESEARCH GROUPS

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MEMBERSHIP OF EU PARTNERSHIPS

European Network of Building Research Institutes (ENBRI)

RELEVANT LINKS OUTSIDE ACADEMIA

CEN/TC350/WG1, Nordic Sustainable Construction Group (Nordic Innovation), Nordic, Swiss, German and Europe-wide consultancy firms, Danish building industry, Danish Authority of Social Services and Housing

AREA OF EXPERTISE

Life Cycle Assessment (LCA) for buildings and construction products
Environmental impact benchmarking and target-setting
LCA methodologies for building regulations and policy development
Performance assessment for circular building strategies
Low carbon, net zero carbon and carbon negative building and urban solutions
Sustainable building refurbishment methods
Development of environmental assessment tools
Sustainable building certification processes
Carbon storage accounting approaches
Future-oriented LCA
Sustainable urban development
Standardization

RELEVANT PROJECTS

IEA EBC Annex 72: Assessing Life Cycle Related Environmental Impacts Caused by Buildings (international project)
IEA EBC Annex 89: Ways to Implement Net-zero Whole Life Carbon Buildings (international project)
Reallabor 131: KIT findet Stadt: Urban Transition Lab 131, integration of science, innovation and urban development in a transdisciplinary process together with citizens and other local actors (German project)



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HIGHLIGHTED AAU RESEARCH GROUPS

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Environment

RELEVANT LINKS OUTSIDE ACADEMIA

Danish building industry, Danish
Authority of Social Services and
Housing, Danish strategy
network for sustainable buildings

AREA OF EXPERTISE

Sustainable building
refurbishment strategies
Environmental assessment of
refurbishment
Development of
environmental assessment
tools
Life Cycle Assessment (LCA)
for buildings and
construction products
Environmental assessment of
circular economy solutions
Embodied carbon
benchmarks and targets
Environmental assessment in
building design
Sustainable building
certifications
National LCA methodologies
for building regulation

RELEVANT PROJECTS

Hedekov – Center for Regenerative Practice:

Assessing the climate
impact of a building
refurbishment using bio-
based and local
solutions.

Low-energy buildings and embodied energy in a sustainability

perspective: New knowledge and tools for consultants and clients:

Method and tools for
designing low energy and
carbon buildings. Tools
are aimed at consultants
and clients in early
design stages.



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HIGHLIGHTED AAU RESEARCH GROUPS

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RELEVANT LINKS OUTSIDE ACADEMIA

Consultancy for the Danish
Authority of Social Services and
Housing
Consultancy for the Agency for
Public Finance and Management
- Ministry of Finance
Consultancy for the Danish
Business Authority

AREA OF EXPERTISE

System thinking and modelling
Life cycle assessment (LCA)
Consequential life cycle
assessment (CLCA)
Input-output modelling
Absolute environmental
sustainability assessment
Forestry management and
modelling
Dynamic GHG modelling
Buildings of wood and biogenic
materials
Sustainable buildings
Material flow analysis

Connecting forestry modelling
and biobased resource growth
with climate and land use impact
and mitigation effects
Biogenic carbon modelling in life
cycle assessment
Wood and biobased construction
Dynamic GHG modelling

RELEVANT PROJECTS

Environmental
assessment of
increased use of
wood in buildings

Documentation and
research efforts –
Climate and
environmental impact
of using timber in
construction



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HIGHLIGHTED AAU RESEARCH GROUPS

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BUILD – Department of the Built
Environment

RELEVANT LINKS OUTSIDE ACADEMIA

Consultancy and collaboration
with the Danish building industry
Consultancy for the Danish
Authority of Social Services and
Housing

AREA OF EXPERTISE

Life Cycle Assessment of
product systems, with a
particular focus on buildings
Timber and biobased
constructions
Dynamic Life Cycle Assessment
Biogenic carbon accounting in
Life Cycle Assessment
Absolute environmental
sustainability assessments
Environmental assessments of
circular economy
General building background
with a focus on load-bearing
structures

RELEVANT PROJECTS

Environmental
assessment of
increased use of wood
in buildings
Documentation and
research efforts –
Climate and
environmental impact
of using timber in
construction

DESTINATION 4

CLEAN ENVIORNEMT AND ZERO POLLUTION

DESTINATION 4: CALLS

CALL – CLEAN ENVIRONMENT AND ZERO POLLUTION

HORIZON-CL6-2025-01-ZEROPOLLUTION-02: Environmental impacts from the production of agricultural crops for bio-based industrial systems (CSA)

HORIZON-CL6-2025-01-ZEROPOLLUTION-01-two-stage: Substances of concern and emerging pollutants from bio-based industries and products: mapping and replacement (IA)

HORIZON-CL6-2025-01-ZEROPOLLUTION-03: Environmental biotechnology applications in service of remediation of polluted ecosystems (RIA)

HORIZON-CL6-2025-01-ZEROPOLLUTION-07: Reducing pollution from the food and drink industries (IA)

HORIZON-CL6-2025-01-ZEROPOLLUTION-02: ENVIRONMENTAL IMPACTS FROM THE PRODUCTION OF AGRICULTURAL CROPS FOR BIO-BASED INDUSTRIAL SYSTEMS (CSA)



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HIGHLIGHTED AAU RESEARCH GROUPS

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and Problematic Substances**,
BUILD-AAU

Associated member of research
group **Building Physics**, BUILD-
AAU

AREA OF EXPERTISE

Fungal growth and mycotoxin production
Detection of fungal contamination in agriculture, foods,
plants and buildings
Identification (DNA, culture) of fungi and mold
Associations between fungi and construction materials
Bio-based and recycled construction materials
Moisture, humidity and water

HORIZON-CL6-2025-01-ZEROPOLLUTION-01-TWO-STAGE: SUBSTANCES OF CONCERN AND EMERGING POLLUTANTS FROM BIO-BASED INDUSTRIES AND PRODUCTS: MAPPING AND REPLACEMENT (IA)



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HIGHLIGHTED AAU RESEARCH GROUPS

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AAU

Associated member of research
group **Building Physics**, BUILD-
AAU

AREA OF EXPERTISE

Fungal growth and mycotoxin production
Detection of fungal contamination in agriculture, foods,
plants and buildings
Identification (DNA, culture) of fungi and mold
Associations between fungi and construction materials
Bio-based and recycled construction materials
Moisture, humidity and water

HORIZON-CL6-2025-01-ZEROPOLLUTION-03: ENVIRONMENTAL BIOTECHNOLOGY APPLICATIONS IN SERVICE OF REMEDIATION OF POLLUTED ECOSYSTEMS (RIA)



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HIGHLIGHTED AAU RESEARCH GROUPS

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Associated member of research group **Building Physics**, BUILD-AAU

AREA OF EXPERTISE

Fungal growth and mycotoxin production
Detection of fungal contamination in agriculture, foods, plants and buildings
Identification (DNA, culture) of fungi and mold
Associations between fungi and construction materials
Bio-based and recycled construction materials
Moisture, humidity and water

HORIZON-CL6-2025-01-ZEROPOLLUTION-07: REDUCING POLLUTION FROM THE FOOD AND DRINK INDUSTRIES (IA)



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AAU

Associated member of research
group **Building Physics**, BUILD-
AAU

AREA OF EXPERTISE

Fungal growth and mycotoxin production
Detection of fungal contamination in agriculture, foods,
plants and buildings
Identification (DNA, culture) of fungi and mold
Associations between fungi and construction materials
Bio-based and recycled construction materials
Moisture, humidity and water

DESTINATION 5

LAND, OCEAN AND WATER FOR CLIMATE ACTION

DESTINATION 5: CALLS

CALL – LAND, OCEAN AND WATER FOR CLIMATE ACTION

HORIZON-CL6-2025-02-CLIMATE-02: The ocean-climate-biodiversity-people nexus: uncovering safe operating space for safeguarding the integrity and health of the global ocean (RIA)

HORIZON-CL6-2025-02-CLIMATE-02: THE OCEAN-CLIMATE- BIODIVERSITY-PEOPLE NEXUS: UNCOVERING SAFE OPERATING SPACE FOR SAFEGUARDING THE INTEGRITY AND HEALTH OF THE GLOBAL OCEAN (RIA)



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The Technical Faculty of IT and Design

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HIGHLIGHTED AAU RESEARCH GROUPS

NETWORK MEMBER, BLUE -
MARINE AND MARITIME RESEARCH

RELEVANT LINKS OUTSIDE ACADEMIA

RESEARCH FELLOW |
AQUACULTURE GOVERNANCE
INDICATORS (AGI) Project

AREA OF EXPERTISE

Coastal communities
Aquaculture
governance
Fisheries
management
Fishing livelihoods
Social well-being
Coastal fisheries
Cambodia
Urban climate
resilience

RELEVANT PROJECTS

MarineSABRES project -
<https://www.marinesabres.eu/>

DESTINATION 6

**RESILIENT, INCLUSIVE, HEALTHY AND
GREEN RURAL, COASTAL AND URBAN
COMMUNITIES**

DESTINATION 6: CALLS

CALL – RESILIENT, INCLUSIVE, HEALTHY AND GREEN RURAL, COASTAL AND URBAN COMMUNITIES

HORIZON-CL6-2025-02-COMMUNITIES-01: Adapting to and mitigating demographic trends in rural areas through evidence-based planning and innovative solutions (RIA)

HORIZON-CL6-2025-02-COMMUNITIES-02: Exploring and improving access to housing in rural areas and developing the houses and villages of the future (RIA)

HORIZON-CL6-2025-02-COMMUNITIES-03: Innovative solutions for resilient and climate-adapted coastal communities in the Atlantic (IA)

HORIZON-CL6-2025-02-COMMUNITIES-01: ADAPTING TO AND MITIGATING DEMOGRAPHIC TRENDS IN RURAL AREAS THROUGH EVIDENCE-BASED PLANNING AND INNOVATIVE SOLUTIONS (RIA)



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HIGHLIGHTED AAU RESEARCH GROUPS

<https://www.en.build.aau.dk/research/transformation-of-housing-and-places>

AREA OF EXPERTISE

Processes of urbanization.
Rural-urban linkages.
Regional dynamics and change.
Life-phase perspective on migration, moving motives and settlement preferences.
Mixed-methods research approach.
Use of quantitative and qualitative data.
Development and use of survey.
Academic and applied research approach and dissemination
Impact driven research through government advisory, consultancy, and activities for wider audiences.

RELEVANT PROJECTS

Urbanization processes, migration and demographic shifts in rural places.
Societal and cultural changes in relation to migration.
Settlement and housing preferences.
Co-operation and development in rural communities.
Strategic planning and adjustment to demographic changes.
Innovative solutions driven by residents
Adjustment of public services to demographic changes.

**HORIZON-CL6-2025-02-COMMUNITIES-02: EXPLORING AND
IMPROVING ACCESS TO HOUSING IN RURAL AREAS AND
DEVELOPING THE HOUSES AND VILLAGES OF THE FUTURE
(RIA)**



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**HIGHLIGHTED AAU RESEARCH
GROUPS**

Centre for Blue Governance, Dept. of
Sustainability & Planning

**MEMBERSHIP OF EU
PARTNERSHIPS**

EU CostAction RethinkBlue

AREA OF EXPERTISE

Coastal communities
Coastal gentrification
Blue economy
Transitions
EU marine governance
Sociocultural
connections to the sea
Fisheries management
and policy
Marine ecosystem
restoration
Coastal & maritime
cultural heritage
Intangible cultural
heritage
Climate change
adaptation
Justice
Social science methods
and approaches

RELEVANT PROJECTS

Coastal gentrification
(Ounanian & Howells
2024), rural coastal
development (Ounanian
2019a, Ounanian 2019b),
climate adaptation justice

EmpowerUs, PERICLES,
Just climate adaptation in
DK (PhD supervision)

HORIZON-CL6-2025-02-COMMUNITIES-03: INNOVATIVE SOLUTIONS FOR RESILIENT AND CLIMATE-ADAPTED COASTAL COMMUNITIES IN THE ATLANTIC (IA)



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HIGHLIGHTED AAU RESEARCH GROUPS
NETWORK MEMBER, BLUE - MARINE AND
MARITIME RESEARCH

RELEVANT LINKS OUTSIDE ACADEMIA
RESEARCH FELLOW | AQUACULTURE
GOVERNANCE INDICATORS (AGI) Project

RELEVANT PROJECTS

PhD research on coastal communities in Cambodia and Urban Climate Resilience in
Southeast Asia project

<https://idl-bnc-idrc.dspacedirect.org/items/0e7b48b9-0f1c-40e2-9746-38a710e9f639/full>

AREA OF EXPERTISE

Coastal communities
Aquaculture governance
Fisheries management
Fishing livelihoods
Social well-being
Coastal fisheries Cambodia
Urban climate resilience



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HIGHLIGHTED AAU RESEARCH GROUPS

Centre for Blue Governance, Dept. of Sustainability & Planning

MEMBERSHIP OF EU PARTNERSHIPS

EU CostAction RethinkBlue

AREA OF EXPERTISE

Coastal communities
Coastal gentrification
Blue economy
Transitions
EU marine governance
Sociocultural connections to the sea
Fisheries management and policy
Marine ecosystem restoration
Coastal & maritime cultural heritage
Intangible cultural heritage
Climate change adaptation
Justice
Social science methods and approaches

RELEVANT PROJECTS

Coastal community research from various EU projects, PhD research, etc.

Publications: Ounanian 2019a, 2019b; Flannery et al. 2022,

Relevant previous projects: EmpowerUs, PERICLES, Just climate adaptation in DK (PhD supervision)

DESTINATION 7

INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

DESTINATION 7: CALLS

CALL – INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL

HORIZON-CL6-2025-03-GOVERNANCE-04: Operationalisation of bioeconomy
sustainability principles (RIA)

HORIZON-CL6-2025-03-GOVERNANCE-05: Exploring options to resolve land and
sea use competition (RIA)

HORIZON-CL6-2025-03-GOVERNANCE-06: Strengthening and connecting
bioeconomy networks (CSA)

HORIZON-CL6-2025-03-GOVERNANCE-04: OPERATIONALISATION OF BIOECONOMY SUSTAINABILITY PRINCIPLES (RIA)



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HIGHLIGHTED AAU RESEARCH GROUPS

Design for Sustainability research
group at PLAN, Green Market Making
(PI), Dynamics of Problematization
(GT-DYNPROP), KINETIC, BioStore

MEMBERSHIP OF EU PARTNERSHIPS

Extensive international network in
economic sociology and political
economy.

AREA OF EXPERTISE

Fields: Economic sociology and political economy,
STS/ANT

Themes: EU competition regulation (finance, energy,
AI, treaties), DK, French, and EU energy markets and
policy, entrepreneurial/green state, politics of
expertise, economic discourse and bureaucratic
knowledge

Methods: Quant and qual, elite interviewing,
discourse analysis, survey methodology, text mining

Economic sociology
Design for sustainability
Market creation
EU regulation

HORIZON-CL6-2025-03-GOVERNANCE-05: EXPLORING OPTIONS TO RESOLVE LAND AND SEA USE COMPETITION (RIA)



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HIGHLIGHTED AAU RESEARCH GROUPS

NETWORK MEMBER, [BLUE -
MARINE AND MARITIME RESEARCH](#)

RELEVANT LINKS OUTSIDE ACADEMIA

RESEARCH FELLOW |
[AQUACULTURE GOVERNANCE
INDICATORS \(AGI\) Project](#)

AREA OF EXPERTISE

Coastal communities
Aquaculture
governance
Fisheries
management
Fishing livelihoods
Social well-being
Coastal fisheries
Cambodia
Urban climate
resilience

RELEVANT PROJECTS

MarineSABRES project -
<https://www.marinesabres.eu/>



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HIGHLIGHTED AAU RESEARCH GROUPS

Design for Sustainability research group at PLAN, Green Market Making (PI), Dynamics of Problematization (GT-DYNPROP), KINETIC, BioStore

MEMBERSHIP OF EU PARTNERSHIPS

Extensive international network in economic sociology and political economy.

AREA OF EXPERTISE

Fields: Economic sociology and political economy, STS/ANT

Themes: EU competition regulation (finance, energy, AI, treaties), DK, French, and EU energy markets and policy, entrepreneurial/green state, politics of expertise, economic discourse and bureaucratic knowledge

Methods: Quant and qual, elite interviewing, discourse analysis, survey methodology, text mining

Economic sociology
Design for sustainability
Market creation
EU regulation

HORIZON-CL6-2025-03-GOVERNANCE-06: STRENGTHENING AND CONNECTING BIOECONOMY NETWORKS (CSA)



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HIGHLIGHTED AAU RESEARCH GROUPS

Design for Sustainability research
group at PLAN, Green Market Making
(PI), Dynamics of Problematization
(GT-DYNPROP), KINETIC, BioStore

MEMBERSHIP OF EU PARTNERSHIPS

Extensive international network in
economic sociology and political
economy.

AREA OF EXPERTISE

Fields: Economic sociology and political economy,
STS/ANT

Themes: EU competition regulation (finance, energy,
AI, treaties), DK, French, and EU energy markets and
policy, entrepreneurial/green state, politics of
expertise, economic discourse and bureaucratic
knowledge

Methods: Quant and qual, elite interviewing,
discourse analysis, survey methodology, text mining

Economic sociology
Design for sustainability
Market creation
EU regulation