



Doctoral project descriptions

Summary of 13 positions in network



Funded by
the European Union



About the doctoral positions

This document gives a summary of the **13 funded doctoral positions** available at seven universities in eight countries within the new **Sustainable Transitions through Democratic Design Doctoral Network**.

Of these, 10 positions are directly funded by the European Union through the Marie Skłodowska Curie Actions (MSCA) Doctoral Network programme, two are funded by UK Research and Innovation and one is funded by the Hungarian government. This document provides an overview of the individual research projects associated with each doctoral position, the university and department where it is based, the academic supervisors and mentors, the title and aims of the project and high-level description of how the research is expected to proceed and secondments.

This document focuses on the doctoral research projects. For more details about the network, its partners, vision for doctoral research and training, please see the website. Alongside this document please also refer to the network's guidance on how to apply, and eligibility and selection criteria. All positions follow the [MSCA rules on mobility](#) and other requirements for these funded positions, in addition to having requirements set by the recruiting universities.

Terminology used

- **Doctoral candidate (DC):** Person recruited by one of the partner universities, and someone who is also registered there to do doctoral research
- **Recruiting university:** Higher education institution which employs the DC
- **Supervisor:** Academic researcher involved in supervising and guiding the doctoral candidate
- **Mentor:** Researcher or expert involved in supervising and guiding the doctoral candidate
- **Secondment:** Intense period of time carrying out tasks related to the doctoral research in a host partner organization under guidance of a mentor – funding for travel provided by the network

About the network

Sustainable Transitions through Democratic Design (short name: CoDesign4Transitions) is a European-based, international doctoral network with a cohort of 13 transdisciplinary doctoral candidates employed in eight universities in seven countries with 15 partners from business, civil society and local government. Doctoral candidates will be equipped and empowered to develop new theories, approaches, and validated prototypes for action benefitting from extensive and varied engagement and training across the network.

About the research

Transdisciplinary co-operation is urgent to enable governments, businesses and civil society organisations to develop and deliver multi-level societal solutions required to achieve net zero targets committed to in the Paris Agreement. Design is central to achieving this because of its well-established creative capacities for enabling small-scale experimentation to de-risk solutions through prototyping, synthesising ideas and evidence into materials and visual forms for engaging the stakeholders in exploration of dilemmas and contested topics, and facilitating participation in innovative change. CoDesign4Transitions will deliver new research extending sub-disciplines of design (service design, social design, co-design and design for sustainability) by breaking disciplinary silos. This will result in proposing new design approaches which integrate theories, concepts and methods





from democratic innovation and climate transitions. Capacities of design for (1) prototyping; (2) materialisation and visualisation; and (3) facilitating practice-systems change will drive crucial new connections between knowledge in democratic innovation and climate transitions, Each of the 13 doctoral positions is associated with one of three Work Packages, which will deliver research on a topic associated with one of these three areas of investigation.

Summary of positions available

University	City, country	DC	Doctoral project research title
Work Package 1: Prototyping to enable democratic participation in achieving climate transitions			
Polimi	Milan, Italy	DC1	Prototyping new technologies and data to enhance democratic participation for climate transitions
RMIT EU	Barcelona, Spain	DC4	Prototyping policy options in spaces for experimentation and learning for urban climate transitions
SWPS	Warsaw, Poland	DC8	Evaluating impact of materialisation and visualisation in mediating social conflicts in transitions to carbon neutrality
UAL	London, UK	DC12	Materialising policy options in spaces for experimentation and learning for climate transitions
Work Package 2: Materialisation and visualisation within democratic co-design for climate transitions			
AAU	Copenhagen, Denmark	DC6	Visualisation/physicalising of data for public sense making in democratic circular transitions
SWPS	Warsaw, Poland	DC7	Materialising, visualising and prototyping opportunities and dilemmas to address social conflicts around climate transitions
SDU	Kolding Denmark	DC9	Facilitating future practices and institutions for just circular transitions





MOME	Budapest, Hungary	DC13	Envisioning future practices and institutions for just climate transitions
Work Package 3: Facilitating practice-systems change through democratic co-design towards climate transitions			
Polimi	Milan, Italy	DC2	Scaling out public participation and co-design practices for climate transitions
RMIT	Barcelona, Spain	DC3	Investigating and amplifying practices for circular design
AAU	Copenhagen, Denmark	DC5	Replicating and scaling up different public participation practices for circular transitions
VUB	Brussels, Belgium	DC10	Evaluating platform design for climate governance advocacy
UAL	London, UK	DC11	Identifying leverage points and facilitating multi-level design experiments that enable just ecological transitions

1. Doctoral candidate 1 (DC1)

Title of doctoral project: Prototyping new technologies and data to enhance democratic participation for climate transitions

Recruiting university: Department of Design, Politecnico di Milano, Milan (Italy)

Main supervisor: Professor Marzia Mortati, Department of Design, Politecnico di Milano, Milan (Italy)

Co-supervisor: Professor Cabirio Cautela, Department of Design, Politecnico di Milano, Milan (Italy)

Other co-supervisors/mentors and organisations: Dr Francesco Mureddu (Lisbon Council, Belgium) (mentor), Senior Manager or Manager (EYSeren, UK) (mentor), Prof Lucy Kimbell (University of the Arts London, UK) (co-supervisor).

Duration: 36 months

Required profile: Design researcher or professional with expertise in service design, strategic design, or design thinking, possibly with knowledge/experience in sustainable transitions and data analysis.





Master's degree in service design, policy studies, sustainable management, computer science, social sciences, human-centered design or another related field.

Researcher's mentality: Open-minded, curious, enthusiastic, and accurate; proactive, capable of working independently, and likes to work in a team and in interaction with multiple disciplinary fields and sectors; good organizational and communication skills and a mastery of the English language in spoken and written form. Personal and strong motivation in working in design research.

Desired skills: Interest in socio-technical systems, mixing communication and IT with participation; strong social and empathy-based skills; academic English writing skills; good visualization skills. The candidate should be open to developing qualitative methodology skills and have an interest in new technologies (e.g. big data, artificial intelligence), prototyping and creative problem-solving approaches.

Purpose: This PhD project focuses on studying practices and theories of democratic participation in data-intensive and technology-mediated processes to strengthen public participation. Specific objectives are: 1) To produce an integrative framework of notions and approaches coming from service design, policy studies and transitions management with literature on public participation and citizen engagement towards developing climate policies. 2) To map out the key benefits and weaknesses of data-intensive processes in public participation and of technology-mediated conflict for climate transitions (case studies). 3) To explore and apply prototyping techniques to experiment with design approaches that leverage technology for engaging stakeholders in democratic processes for climate transitions.

Methodology: The theoretical and methodological structure of the project will be developed at the Design Department of Politecnico di Milano and in close collaboration with the other research projects in the network. This project requires the candidate to develop practice-based research and to reinforce (or develop new) theoretical understanding conceptual frameworks on democratic participation in data-intensive and technology-mediated processes, including case studies and – where possible – experimental development (prototyping) of new policies and services.

Secondments:

- Lisbon Council (Belgium) (3 months) with mentor Dr Francesco Mureddu to collect knowledge on implemented cases and projects on data-intensive and technology mediated processes for public participation in climate transitions.
- EYSeren (UK) (6 months) with a senior Manager or Manager as mentor to develop and apply prototyping approaches for the development of new technology-enabled solutions to enable democratic participation in climate transitions.

What makes this doctoral research project exciting?

This research project is an innovative exploration of the intersection of design, sustainability, and democratic participation in the context of climate transitions. It offers a unique opportunity for a forward-thinking design researcher to contribute to the advancement of theories and practices related to public engagement in policy-making processes, leveraging innovative technologies and data-driven approaches. By working within the dynamic Co-Design4Transitions Doctoral Network, the candidate will have access to diverse perspectives and collaborative opportunities. The project's emphasis on prototyping and creative problem-solving promises to yield tangible solutions for enhancing democratic participation in addressing the pressing global challenge of climate change.

What's special about the host department/university?





The Department of Design of Politecnico di Milano is the leading Italian centre for scientific research in the field of design. Rooted in the Italian design culture, it is oriented towards exploring new disciplinary frontiers, putting design at the service of contemporary challenges. It has pioneered several areas of design research, including Service Design, Strategic Design and Interaction Design, and started the first PhD programme in Design in Italy.

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the university Politecnico di Milano for this position DC1 is 46.939,20€. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

 This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: lead supervisor Prof. Marzia Mortati (marzia.mortati@polimi.it) and co-supervisor Prof. Cabirio Cautela (cabirio.cautela@polimi.it).

2. Doctoral Candidate 2 (DC2)

Title of doctoral project: **Scaling out public participation and co-design practices for climate transitions**

Recruiting university: Department of Design, Politecnico di Milano, Milan (Italy)

Main supervisor: Professor Francesca Rizzo, Department of Design, Politecnico di Milano, Milan (Italy)

Co-supervisor: Professor Alessandro Deserti, Department of Design, Politecnico di Milano, Milan (Italy)

Other co-supervisors/mentors and organisations: Dr Elizabeth Calderon (Democratic Society, Belgium) (mentor), Dr Carolina Giraldo (Climate-KIC, Denmark) (mentor), Prof Mikołaj Cześniak (SWPS) (co-supervisor).

Duration: 36 months

Required profile: A design researcher or professional with expertise in service design, strategic design, or design thinking, and preferably, knowledge or experience in sustainable transition and co-design for public participation. A Master's degree in design, policy studies, sustainability management, computer science, social sciences, or related fields is required.





Researcher's mentality: We are looking for individuals who are open-minded, curious, enthusiastic, and precise. They should be proactive, capable of working independently, and enjoy collaborating within interdisciplinary fields and sectors. Strong personal motivation for engaging in design research is essential.

Desired skills: The ideal candidate should have an interest in design practices and the evolution of socio-technical systems, should be able to adopt a systemic perspective and be open to developing qualitative research methodology skills. Strong social and empathy-based skills, effective organisational and communication abilities, proficiency in spoken and written English, good academic writing skills, and visualization skills are highly valued.

Purpose: This PhD position centres on the study of co-design practices for climate transitions involving public organisations, adopting a systemic perspective and investigating how they acquire new knowledge and capabilities to support their transformation.

Specific objectives: 1) Analyse existing frameworks for introducing public participation and co-design in public administration, examining adoption and scaling. 2) Investigate and map current strategies to scale public participation and co-design practices for climate transitions in public administration across different European and global contexts (through case studies). 3) Triangulate information to develop a framework at the intersection of co-design, policy science, transitions, and design for sustainability to scale up co-design and public participation for climate transitions in public administration, with a special focus on capability building and organisational change.

Methodology: The theoretical and methodological structure of the project will be developed at the Department of Design of Politecnico di Milano in close collaboration with funded research projects. This will require the candidate to engage in practice-based research and case studies, as well as to enhance or develop new theoretical conceptual frameworks and guidelines for organisational change and capacity building to institutionalise public participation and co-design for climate transition.

Secondments:

- Democratic Society (Belgium) (3 months) with mentor Dr Elizabeth Calderon, to refine and validate the knowledge landscape and collect/enrich the pool of cases for analysis.
- Climate-KIC (Denmark) (6 months) with mentor Dr Carolina Giraldo to test and validate the analysis of cases and the initial proposal of framework with public administrations across Europe leveraging/involving the extensive EU-wide network of Climate-KIC in at least 3 countries.

What makes this doctoral research project exciting?

This research project offers an exciting exploration at the convergence of design, sustainability, and democratic participation within the context of climate transitions. It presents a unique opportunity for forward-thinking design researchers to contribute to the advancement of theories and practices related to co-design practices for climate transitions in public organisations. Furthermore, it provides the chance to participate in ongoing European research and innovation projects that involve numerous stakeholders from across Europe within a multidisciplinary environment. By collaborating within the dynamic Co-Design4Transition doctoral network, the candidate will have access to diverse perspectives and collaboration opportunities. The project's emphasis on strengthening the capacities of organisations that play a pivotal role in managing sustainable transitions holds the promise of making a meaningful impact in addressing the urgent global challenge of climate change.

What's special about the host department/university?





The Department of Design of Politecnico di Milano is the leading Italian centre for scientific research in the field of design. Rooted in the Italian design culture, it is oriented towards exploring new disciplinary frontiers, putting design at the service of contemporary challenges. It has pioneered several areas of design research, including Service Design, Strategic Design and Interaction Design, and it has started the first PhD programme in Design in Italy.

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the university Politecnico di Milano for this position DC2 is 46.939,20€. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: supervisor Prof. Francesca Rizzo (francesca.rizzo@polimi.it) and co-supervisor Prof. Alessandro Deserti (alessandro.deserti@polimi.it).

3. Doctoral candidate 3 (DC3)

Title of doctoral project: Investigating and amplifying practices for circular design

Recruiting university: Royal Melbourne Institute of Technology (RMIT-EU), Barcelona (Spain)

Main supervisor: Professor Laurene Vaughan, School of Design, RMIT, Melbourne (Australia)

Co-supervisor: Professor Danae Esparza Lozano, School of Design, Elisava, Barcelona School of Design and Engineering (UVic-UCC), Barcelona (Spain)

Other co-supervisors/mentors and organisations: Cris Noguer (Holon, Spain) (mentor); Julie Hjort (Danish Design Centre, Denmark) (mentor); Dr Oliver Cotsaftis, School of Design, RMIT, Melbourne (Australia) (co-supervisor).

Duration: 36 months

Required profile: A design researcher or professional with expertise in service design, strategic design, or design thinking, and preferably, knowledge or experience in sustainable transitions and co-design for public participation. A Master's degree in design, policy studies, sustainability management, computer science, social sciences, or related fields is required.





Researcher's mentality: We are looking for individuals who are open-minded, curious, enthusiastic, and precise. They should be proactive, capable of working independently, and enjoy collaborating within interdisciplinary fields and sectors. Strong personal motivation and flexibility for engaging in design research and in a dual doctoral degree is essential.

Desired skills: The ideal candidate should have an interest in design practices and the evolution of socio-technical systems, should be able to adopt a systemic perspective and be open to developing qualitative research methodology skills. Strong social and empathy-based skills, effective organisational and communication abilities, proficiency in spoken and written English, good academic writing skills, and visualization skills are highly valued.

Objectives:

- 1) To investigate and integrate studies of co-design, circular design and climate transitions to develop a basis for just circular transitions.
- 2) To develop case studies of examples of circular design.
- 3) To synthesise results and produce a conceptual framework for designers, businesses, government and civil society organisations to amplify opportunities for circular design.

Secondments:

- Danish Design Center (Denmark) (3 months) with mentor Julie Hjort to integrate studies of co-design, circular design and climate transitions to develop a basis for just circular transitions.
- Holon (Spain) (6 months) to develop case studies and analysis investigating how practices for circular design are amplified and institutionalised, including Holon's projects.

The recruited candidate will be enrolled both at Elisava Barcelona School of Design and Engineering, Barcelona (Spain) and RMIT University, Melbourne (Australia) thus benefitting from a dual doctoral degree from both Universities.

Gross salary: We offer full-time employment contract. The annual funding available to the university RMIT-EU for this position DC3 is 44.450,40 €. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: supervisor Prof. Laurene Vaughan, RMIT (laurene.vaughan@rmit.edu.au) and co-supervisor Prof. Danae Esparza Lozano (desparza@elisava.net).





4. Doctoral candidate 4 (DC4)

Title of doctoral project: Prototyping policy options in spaces for experimentation and learning for urban climate transitions

Recruiting university: Royal Melbourne Institute of Technology (RMIT-EU), Barcelona (Spain)

Main supervisor: Professor Laurene Vaughan, School of Design, RMIT, Melbourne (Australia)

Co-supervisor: Professor Massimo Menichinelli, School of Design, Elisava, Barcelona School of Design and Engineering (UVic-UCC), Barcelona (Spain)

Other co-supervisors/mentors and organisations: Adrià Garcia i Mateu, (Holon, Catalonia, Spain) (mentor); Julie Hjort (Danish Design Centre, Denmark) (mentor);

Duration: 36 months

Required profile: A design researcher or professional with expertise in service design, strategic design, or design thinking, and preferably, knowledge or experience in sustainable transition and co-design for public participation. A Master's degree in design, policy studies, sustainability management, computer science, social sciences, or related fields is required.

Researcher's mentality: We are looking for individuals who are open-minded, curious, enthusiastic, and precise. They should be proactive, capable of working independently, and enjoy collaborating within interdisciplinary fields and sectors. Strong personal motivation and flexibility for engaging in design research and in a dual doctoral degree is essential.

Desired skills: The ideal candidate should have an interest in design practices and the evolution of socio-technical systems, should be able to adopt a systemic perspective and be open to developing qualitative research methodology skills. Strong social and empathy-based skills, effective organisational and communication abilities, proficiency in spoken and written English, good academic writing skills, and visualization skills are highly valued.

Objectives:

- 1) To investigate and integrate studies of co-design, digital innovation, policy design and climate transitions to develop a basis for policy prototyping related to urban transitions.
- 2) To design, produce, test and critically assess creative and digital methods for citizen participation in policy making for urban transitions (practice research).
- 3) To synthesise results and produce a conceptual framework for designers, businesses, government and civil society organisations for citizen participation in urban transitions.

Secondments:

- Danish Design Center (Denmark) (3 months) with mentor Julie Hjort to analyse opportunities for using creative methods for enhancing citizen participation in urban transitions.





- Holon (Spain) (6 months) to share, test and evaluate creative visual or media artefacts and processes developed through practice research enabling citizen participation in urban transitions.

The recruited candidate will be enrolled both at Elisava Barcelona School of Design and Engineering, Barcelona (Spain) and RMIT University, Melbourne (Australia) thus benefitting from a dual doctoral degree from both Universities.

Gross salary: We offer full-time employment contract. The annual funding available to the university RMIT-EU for this position DC4 is 44.450,40 €. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: supervisor Prof. Laurene Vaughan, RMIT (laurene.vaughan@rmit.edu.au) and co-supervisor Prof. Massimo Menichinelli (mmenichinelli@elisava.net).

5. Doctoral candidate 5 (DC5)

Title of doctoral project: Replicating and scaling up different public participation practices for circular transitions

Host university: Aalborg University (AAU), Department of Architecture Design and Media Technology, Copenhagen (Denmark)

Main supervisor: Professor Nicola Morelli, Department of Architecture, Design and Media Technology, AAU, Copenhagen (Denmark)

Co-supervisor: Professor Luca Simeone, Department of Architecture Design and Media Technology, AAU, Copenhagen (Denmark)

Other co-supervisors/mentors and organisations: Julie Hjort (Danish Design Centre, Denmark) (mentor); Prof Derk Loorbach (Drift Institute, Erasmus University, Belgium) (mentor); Prof Ramia Mazé (Univeristy of the Arts London, UK) (co-supervisor).

Duration: 36 months

Required profile: Master's degree in service/strategic/systemic design, policy studies, innovation management, urban governance and ecology studies, social science or another related field; strong





experience or knowledge of systems theory and practice, human-centred and collaborative design, social sciences.

Researcher's mentality: Interest in working at the intersection between co-design, political science, systems innovation, circular economies; open-minded, curious, enthusiastic, and accurate; proactive, capable of working collaboratively and independently among different organisations and research cultures, and likes to work in a team; good organizational and communication skills and a mastery of the English language in spoken and written form.

Desired skills: Being part of international and cross-disciplinary training networks, the doctoral candidate should have excellent 'soft skills' essential for working and facilitating interactions with stakeholders (e.g., citizens, residents, business or local government employees) as well as having or being open to developing qualitative methodology skills and an interest in systemic and participatory design. Because of interactions with participants, it is preferable that the candidate also speaks Danish (or other Scandinavian languages), but this is not essential.

Purpose: In particular, this PhD focuses on building organisational and cross-sector capabilities in enabling democratic and participatory processes for public innovation that support transition towards socio-technical models based on circular processes. Expected results are: 1) Conceptual framework integrating current practices and theories on democratic participation and systems innovation in processes relating to climate transitions; 2) Qualitative data about barriers and challenges to replicating and scaling public participation; 3) Thematic analysis of barriers to and opportunities for capability building enabling replicating and scaling public participation services; 4) Guidelines for organisational capability building and cross-level public participation.

Methodology: The theoretical and methodological structure of the project will be developed at the departments of Architecture, Design and Media Technology at Aalborg University, Copenhagen. The methodological approach will include literature review, analysis of existing cases, qualitative interviews, collaboration with local stakeholders, scenario development and testing and systemic prototyping. This approach will be based on the engagement of local communities, organisations and institutions, to experiment and propose socio-institutional structures that support the replication and scaling up of practices that lead to circular transition.

Secondments:

- Danish Design Center (Denmark) (3 months) with mentor Julie Hjort;
- Drift/Erasmus University Rotterdam (Netherlands) (6 months) with mentor Professor Derk Loorbach.

What makes this doctoral research project exciting?

While several cases have been observed of participatory processes leading to niche innovation for circular transition, the question of how to scale up (institutionalising) or scale out (replicating) circular transition is still unexplored. Yet scalability is a crucial need for transition policies to succeed. This doctoral research will therefore explore the issue through hands-on engagement with institutions, communities and organisations, in a perspective of how to generate a larger impact in the direction of transition.

What's special about the host department/university?

The activities of this project will be carried out by the Service Design Lab (ServicedesignLab.aau.dk), a welcoming and inclusive research lab dedicated to studying and applying service design as an exploratory, co-creative and empowering approach to address broad issues of societal concern. Key





themes of interest are social innovation, design for policies, co-creation, urban transition, service design for public sector, to name just a few. The team behind the Service Design Lab has a long and consolidated experience on research and innovation actions and EU-funded research. Typical areas of interventions are related to (1) design-oriented methods and tools that enable co-creation processes and stakeholders' engagement for the definition of socio-technical ecosystems and interactions that support the generation of value in services; (2) technological aspects of service design and digital social innovation, emerging technology and ways to integrate them into service design practice, service design and the city, smart cities and urban changes, mobility and other relevant urban phenomena; (3) civic service design: service design for public administrations, for cultural events and to support migrants and disadvantaged communities.

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the Aalborg University for this position DC5 is 61.056,00 €. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: lead supervisor Prof. Nicola Morelli (nmor@create.aau.dk) and co-supervisor Prof. Luca Simeone (lsi@create.aau.dk).

6. Doctoral candidate 6 (DC6)

Title of doctoral project: Visualization and physicalizing of data for public sense-making in democratic circular transitions

Recruiting university: Aalborg University (AAU), Department of Architecture Design and Media Technology, Copenhagen (Denmark) and Department of Culture and Learning

Main supervisor: Dr Amalia de Götzen, Department of Architecture Design and Media Technology, AAU, Copenhagen (Denmark)

Co-supervisor: Dr Mathieu Jacomy, Department of Culture and Learning, AAU, Copenhagen (Denmark)

Other co-supervisors/mentors and organisations: Dr Carolina Giraldo (Climate-KIC, Denmark) (mentor); Dr Fiona Lambe, (Stockholm Environment Institute, Sweden) (mentor); Dr. Bori Feher (Moholy-Nagy University of Art and Design, Budapest, Hungary) (co-supervisor).

Duration: 36 months





Required profile: Master's degree in techno-anthropology, information design, service design, policy studies, sustainable management, science and technology studies, human-centred design or another related field.

Researcher's mentality: Interest in socio-technical collaborations, mixing communication and IT with participation, open-minded, curious, enthusiastic, and accurate; proactive, capable of working independently among different organisations and research cultures, and likes to work in a team; good organisational and communication skills and a mastery of the English language in spoken and written form.

Desired skills: Being part of international and cross-disciplinary training networks, the doctoral candidate should have excellent 'soft skills' essential for working and facilitating interactions with stakeholders (e.g., citizens, residents, business or local government employees) as well as having or being open to developing, qualitative methodology skills and an interest in design, visualisation and materialisation of data. Because of interactions with participants, it is preferable that the candidate also speaks Danish (or other Scandinavian languages), but this is not essential.

Purpose: This doctoral project focuses on increasing public participation in democratic processes that address sustainable transitions by facilitating citizen engagement with and through data.

Methodology: The theoretical and methodological structure of the project will be developed in collaboration with the departments of Culture and Learning and Architecture, Design and Media Technology at Aalborg University, Copenhagen. Visualisation and materialisation of data for public participation and use imply that the candidate defines a methodological framework that includes methods/tools to analyse and represent data and methods/tools to support participation.

Secondments:

- Climate-KIC (Denmark) (3 months) with mentor Dr Carolina Giraldo;
- Stockholm Environment Institute (Sweden) (6 months) with mentor Dr Fiona Lambe.

What makes this doctoral research project exciting? While public participation in democratic processes that address sustainable transition is commonplace, it is still an open question of how that participation can be moved upstream to address issues of knowledge production. The question of citizen engagement through and with data is still unexplored. Yet, not only understanding the vast amount of data used to explain different phenomena around us but also working with it to participate in the public debate is becoming crucial for a healthy democracy as this is where important decisions are effectively taken as to which paths forward become actionable and tangible to decision makers. Therefore, this doctoral research explores this issue by experimenting with hands-on engagement with data and data visualisation with key civil society actors in sustainable transitions, e.g., institutions, communities and organisations. In doing so, the doctoral research will have a direct path to impact in the green transition and produce the necessary knowledge base for others to take similar kinds of action.

What's special about the host department/university? The activities of this project will be carried out across two of AAU's research labs. The main supervisor is based at the Service Design Lab (www.ServicedesignLab.aau.dk), a welcoming and inclusive research lab dedicated to studying and applying service design as an exploratory, co-creative and empowering approach to address broad issues of societal concern. Key themes of interest are social innovation, design for policies, co-creation, urban transition, and service design for the public sector, to name just a few. The team behind the Service Design Lab has long and consolidated experience in research and innovation actions and EU-funded research. Typical areas of interventions are related to (1) design-oriented methods and tools that enable co-creation processes and stakeholders' engagement for the definition





of socio-technical ecosystems and interactions that support the generation of value in services; (2) technological aspects of service design and digital social innovation, emerging technology and ways to integrate them into service design practice, service design and the city, smart cities and urban changes, mobility and other relevant urban phenomena; (3) civic service design: service design for public administrations, for cultural events and to support migrants and disadvantaged communities. The co-supervisor is based at the Techno-Anthropology Lab (www.tantlab.aau.dk), an equally welcoming and inclusive research lab providing an additional anchorage for the doctoral candidate at Aalborg University's campus in Copenhagen. TANTlab does research at the intersection between anthropology, STS, and computational methods, including data design and visualisation. A particular focus, not least for the main supervisor, is the cartography of techno-scientific controversies, often around green transitions, which involves offering visual ways for the public to engage with and navigate complex socio-technical debates. The TANTlab has, for example, developed formats for participatory data design through events like the data sprint.

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the Aalborg University for this position DC6 is 61.056,00 €. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: lead supervisor Dr. Amalia de Götzen (ago@create.aau.dk) and co-supervisor Dr. Mathieu Jacomy (mathieuj@ikl.aau.dk).

7. Doctoral candidate 7 (DC7)

Title of doctoral project: Materialising, visualising and prototyping opportunities and dilemmas to address social conflicts around climate transitions

Recruiting university: Institute of Design, SWPS University, Warsaw (Poland)

Main supervisor: Professor Karol Murlak, Faculty of Design, SWPS University, Warsaw (Poland)

Co-supervisors: Prof Mariusz Wszolek, Faculty of Law and Communication, SWPS University, Wrocław, (Poland); Prof Karol Olejniczak, Faculty of Social Science, SWPS University, Warsaw (Poland).

Other co-supervisors/mentors and organisations: Prof Lucy Kimbell (University of the Arts London, UK) (mentor); Joanna Heyda (Warsaw City Council, Poland) (mentor); Prof Nicola Morelli (Aalborg University, Denmark) (co-supervisor).





Duration: 36 months

Required profile: Master's degree in service design, human-centred design, industrial design, product design, spatial design, interior design, communication design or another related field. Research mindset: Open-minded, curious, enthusiastic and accurate; proactive, capable of working independently and a team player; good organizational and communication skills and a mastery of the English language in spoken and written form.

Desired skills: Because of the hands-on nature of this project, the doctoral candidate should have excellent creative and fabrication skills and soft skills essential for working with stakeholders (e.g., citizens, residents, businesses or local government employees). The candidate should also be open to developing qualitative methodology skills. Because of interactions with participants, it is preferable that the candidate also speaks Polish, but this is not required.

Purpose: This research addresses two questions: 1. How can material, public interventions help achieve consensus in diverse local communities to enhance adaptation to climate change in the urban context of Warsaw? 2. What are the characteristics of an effective interdisciplinary approach for enhancing democratic participation in climate change adaptation through urban interventions?

Methodology: The methodology for the first question is constructive design research. This approach offers a structured system for deriving social, cultural and material sensitivities from design practice, especially making, testing and modifying prototypes. In this method, prototypes play the role of research tools, allowing to conclude of both practical and theoretical nature. The methodology for the second question is a case study of the process of making the intervention designed and tested in Warsaw. The methods are based on practitioner concepts, combining ethnographic notes, field notes from the design and evaluation process, designers-evaluators discussion sessions and workshops.

Secondments:

- University of the Arts London (UK) (3 months) to develop and test creative design approaches in the context of local government activity to engage citizens in addressing climate transitions.
- City Council of Warsaw (Poland) (6 months) with a mentor to share, test and validate visual or media prototypes developed through practice research within a citizen engagement project activity as part of the city's transitions related activities.

What makes this doctoral research project exciting?

Three things make this project unique.

1. Practical Nature. The doctoral candidate will address real-life design problems brought by stakeholders. They will use applied research to translate abstract concepts of climate adaptation, design and policy into material public intervention with real-life impact.

2. Collaboration. The doctoral candidate will be paired with another doctoral candidate part of the CoDesign4Transitions Network based at SWPS University in Warsaw with a background in social science. We created an architecture for the project that nudges researchers to go beyond their discipline and search for solutions that effectively promote social change.

3. Interdisciplinarity. At the theoretical level the project attempts to establish synergies between two distinct disciplinary fields. Ultimately, we aim to develop an interdisciplinary, integrated approach to designing and evaluating public interventions that enable climate transitions.





What's special about the host department/university?

SWPS University is the first private university in Poland. It has campuses in six major cities throughout Poland and a well-established reputation as a leading research institution in social science, humanities, art and design. SWPS University excels in exploring the human mind and applying its expertise to addressing the practical challenges of today and tomorrow. We believe we can learn to thrive in the world of new technologies and dynamic social change through a better understanding of human intelligence. SWPS University holds an HR Excellence in Research Award. All our recruitment processes and practices fully comply with Open, Transparent, and Merit-Based Recruitment (OTM-R) principles and the HRS4R Strategy. The Institute of Design brings together artists and designers at SWPS University, using creative methods, techniques and materials to create solutions for culture, society and the economy.

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the SWPS University for this position DC7 is 35.964,00 €. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: lead supervisor Prof Karol Murlak (kmurlak@sof.edu.pl), and co-supervisors Dr Mariusz Wszolek, (mwszolek@swps.edu.pl), and Prof Karol Olejniczak (karol.olejniczak@swps.edu.pl).

8. Doctoral candidate 8 (DC8)

Title of doctoral project: Evaluating the impact of prototyping, visualisation and materialisation in mediating social conflicts in transitions to carbon neutrality

Recruiting university: Institute of Social Sciences, SWPS University, Warsaw (Poland)

Main supervisor: Professor Mikołaj Cześniak, Faculty of Social Sciences, SWPS University, Warsaw (Poland)

Co-supervisors: Professor Mariusz Wszolek, Faculty of Law and Communication, SWPS University, Wrocław, (Poland); Professor Karol Olejniczak, Faculty of Social Science, SWPS University, Warsaw (Poland)

Other co-supervisors/mentors and organisations: Dr Carolina Giraldo (Climate-KIC, Denmark) (mentor); Joanna Heyda (Warsaw City Council, Poland) (mentor); Prof Lucy Kimbell (University of the





Arts London, UK) (co-supervisor).

Duration: 36 months

Required profile: **Master's degree** in policy studies, political science, social sciences, sustainable management, service design, human-centred design or another related field. **Research mindset:** open-minded, curious, enthusiastic and accurate; proactive, capable of working independently and a team player; good organizational and communication skills and a **mastery of the English language** in spoken and written form.

Desired skills: Because of the embedded nature of this project, the doctoral candidate should have excellent **soft skills** essential for working with stakeholders (e.g., citizens, residents, business or local government employees) as well as having developed or being open to developing **qualitative methodology skills** and an interest in design (prototyping and creativity). Because of interactions with participants, it is preferable that the candidate also **speaks Polish, but this is not required**.

Purpose: The purpose of the research is to address two questions: 1. How can we credibly evaluate the effectiveness of material, public interventions in achieving the consensus of diverse local communities regarding climate change adaptation in Warsaw's urban context? 2. What are the characteristics of an effective interdisciplinary approach for enhancing democratic participation in climate change adaptation through urban interventions?

Methodology:

The methodology for the first question will be grounded in the **program evaluation** literature, which offers an established spectrum of research designs and research methods that allow for establishing and assessing the causal link between public intervention and expected positive change. The methodology for the second question is a **case study** of the process of making the intervention designed and tested in Warsaw. The methods are based on practitioner concepts, combining ethnographic notes, field notes from the design and evaluation process, designers-evaluators discussion sessions and workshops.

Secondments:

- **Climate-KIC** (Denmark) (3 months) with mentor Dr Carolina Giraldo as well as interactions with City of Warsaw to produce initial analysis of the potential and limitations for using design approaches to mediate social conflicts relating to transitions.
- **City Council of Warsaw** (Poland) (6 months) with a mentor to conduct data-gathering and analysis of potential and limitations for using design approaches to mediate social conflicts relating to transitions.

What makes this doctoral research project exciting?

Three things make this project unique.

1. Practical Nature. The doctoral candidate will address real-life policy problems brought by stakeholders, in this case, the City of Warsaw. They will use applied research to translate abstract concepts of climate adaptation, design and policy into validation of real-life impact.

2. Collaboration. The doctoral candidate will be paired with a second doctoral candidate with a background in design, also part of the CoDesign4Transitions Network and based in Warsaw at SWPS





University. We created an architecture for the project that nudges researchers to go beyond their discipline and search for solutions that effectively promote social change.

3. Interdisciplinarity. At the theoretical level the project attempts to establish synergies between two distinct disciplinary fields. Ultimately, we aim to develop an interdisciplinary, integrated approach to designing and evaluating public interventions that enable climate transitions.

What's special about the host department/university?

SWPS University is the first **private university in Poland**. It has **campuses in six major cities** throughout Poland and a well-established reputation as **a leading research institution in social science, humanities, art and design**. SWPS University excels in **exploring the human mind** and applying its expertise **to addressing the practical challenges of today and tomorrow**. We believe we can learn to thrive in the world of new technologies and dynamic social change through a better understanding of human intelligence. SWPS University holds an HR Excellence in Research Award. All our recruitment processes and practises fully comply with Open, Transparent, and Merit-Based Recruitment (OTM-R) principles and the HRS4R Strategy.

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the SWPS University for this position DC8 is 35.964,00 €. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: lead supervisor Prof. Mikołaj Cześniak (mczesnik@swps.edu.pl); and co-supervisors Prof Mariusz Wszolek (mwszolek@swps.edu.pl), Prof. Karol Olejniczak (karol.olejniczak@swps.edu.pl).

9. Doctoral candidate 9 (DC9)

Title of doctoral project: **Facilitating future practices and institutions for just circular transitions**

Recruiting university: Department of Design, Media and Educational Science, University of Southern Denmark, Kolding (Denmark)

Main supervisor: Prof Thomas Markussen, Social Design Unit, Department of Design, Media and Educational Science, University of Southern Denmark, Kolding (Denmark)





Co-supervisor: Associate Prof Eva Knutz, Social Design Unit, Department of Design, Media and Educational Science, University of Southern Denmark, Kolding (Denmark)

Other co-supervisors/mentors and organisations: Julie Hjort (Danish Design Centre, Denmark) (mentor); Dr Carolina Giraldo (Climate-KIC, Denmark) (mentor); Dr James Auger (RMIT EU, Spain) (co-supervisor).

Duration: 36 months

Required profile: Master's degree in social/interaction/transition/service/system design, urban design, innovation management, entrepreneurship, policy studies or another related field.

Researcher's mentality: Curious about working at the intersection between practice-based design research, systems innovation and circular economies. Open-minded, curious, enthusiastic, and accurate; proactive, capable of working independently, and likes to work in a team; good organizational and communication skills and a mastery of the English language in spoken and written form.

Desired skills: Due to the embedded nature of this project, the doctoral candidate should have excellent 'soft skills' essential for working with stakeholders (e.g., citizens, residents, business or local government employees) as well as having, or being open to developing, qualitative methodology skills and an interest in design, prototyping and creativity. Because of interactions with participants, it is preferable that the candidate also speaks Danish (or other Scandinavian languages), but this is not essential.

Purpose: The purpose of this doctoral position is to study and explore how sustainable, niche innovations can be de-scaled and out-scaled to inspire other people and communities to adapt them to their own ecologies. In particular, the aim is to combine practice-based research with integrative studies of circular design, citizen-led activism and systemic barriers to develop a basis for circular transitions. Expected results are: 1) Validated sustainable niche innovations for future practices and institutions. 2) a conceptual framework for designers, businesses, government and civil society organisations using creative and co-design approaches for just circular transitions. 3) Policy recommendations for future governance.

Methodology: The theoretical and methodological structure of the project will be developed at the Social Design Unit, University of Southern Denmark, in collaboration with the Danish Design Center, Climate KIC and RMIT. The methodological approach will include case study analyses, field work, participatory design and a portfolio approach to systems innovation that involves jointly made portfolios of innovation actions within different domains (e.g. energy, consumption, agriculture, transportation). This approach will be based on the engagement of and co-design with local actors, communities and organisations.

Secondments:

- Danish Design Center (Denmark) 3 months, with mentor Julie Hjort.
- Climate-KIC (Denmark/Italy) 6 months, with mentor Carolina Giraldo.

What makes this doctoral research project exciting? The pathways towards sustainable futures are often hindered or even counteracted by existing systemic barriers (political, economic, and so on). However, at a small scale in our societies, we find rich examples of how individuals and communities have invented new ways of living, working, and consuming that are eco-friendly and socially just. Such "niche innovations" are often looked upon as micro-utopias, since they offer innovative alternatives that are not (yet) deemed plausible or possible at a systemic level. This doctoral research will be dedicated to the exciting challenge of finding ways of how micro-utopian practices can be de-scaled





and out-scaled to inspire or provoke other people and communities to adapt these practices to their own ecologies.

What's special about the host department/university?

The Social Design Unit at SDU is an inclusive and platform-based research group that has extensive experience in how citizens, public sector organisations and private companies can be involved in participatory design processes that create value for the individual and society at large. Among key themes of interest are sustainable living and energy futures, public sector innovation, social design, citizen-led activism and social entrepreneurship. Over the years the group has developed strong competences in cross-disciplinary, practice-based design research which has led to the implementation of new services and programs in the public domain. The members of the group have long experience on EU-funded research and evaluation of innovation actions (<https://socialdesignunit.org/>).

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the University of Southern Denmark for this position DC9 is 61.056,00 €. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: lead supervisor Professor Thomas Markussen (thma@sdu.dk) and co-supervisor Associate Professor Eva Knutz (evak@sdu.dk).

8. Doctoral candidate 10 (DC10)

Title of doctoral project: Evaluating platform design for climate governance advocacy

Recruiting university: Vrije Universiteit Brussel, Brussels School of Governance, Brussels (Belgium)

Main supervisors: Prof. Trisha Meyer (Centre for Digitalisation, Democracy and Innovation), Prof. Sebastian Oberthür (Centre for Environment, Economy and Energy).

Other co-supervisors/mentors and organisations: Prof. Sgueo (Vrije Universiteit Brussel, Belgium) (co-supervisor); Prof. Mortati (Politecnico di Milano, Italy) (mentor); Dr. Francesco Mureddu (Lisbon Council, Belgium) (mentor); Prof. Karol Murlak (School of Form, SWPS, University of Social Sciences and Humanities, Poland) (co-supervisor).

Duration: 48 months (36 funded by MSCA)





Required profile: The candidate will hold a Master's degree in social sciences, including but not limited to media studies, science and technology studies, law, political science, governance studies, or environmental science. The candidate is open-minded, curious, enthusiastic, and accurate; proactive, capable of working independently; has good organizational and communication skills and a mastery of the English language in spoken and written form.

Desired skills: We are keen to recruit a candidate with a strong interest in understanding how to best advance the transition to climate neutrality. Basic knowledge of climate governance (global and EU) is required. It is recommended that the candidate is familiar with digital methods to research platform governance and/or have an interest in (co)design.

Purpose: The doctoral project seeks to: (1) develop, test and implement an analytical framework to evaluate how affordances (design features) of digital platforms shape, enable or constrain climate advocacy; (2) to investigate and evaluate innovative strategies of leveraging affordances of digital platforms to maximise climate advocacy's impact, outreach and collaboration; (3) and to explore and recommend change in the processes of (co)design of digital platforms for climate advocacy.

Methodology: The doctoral project will require mixed qualitative and quantitative methods, including but not limited to (climate) network analysis, (expert) interviews, web scraping and (big) data analysis, and (co)design workshops. This is a daunting but exciting list of methods – the university and the CoDesign4Transitions Doctoral Network will provide assistance to help the doctoral candidate obtain these versatile skills.

Secondments:

- Department of Design, Polimi, Italy with mentor Prof. Marzia Mortati, to investigate use of design approaches in the project methodology (3 months);
- Lisbon Council, Belgium (6 months) with mentor Dr. Francesco Mureddu to evaluate climate action and advocacy strategies.

What's special about the host department/university?

Vrije Universiteit Brussel (VUB) is a competitive, high-quality, socially committed and internationally oriented university located in Brussels, Belgium. Within VUB, the interdisciplinary research of the Brussels School of Governance (BSoG) covers a wide range of fields including digitalisation, democracy & innovation; environment, economy & energy; migration, diversity and justice; security, diplomacy & strategy. The Brussels School of Governance is home to a couple of dozens of PhD or postdoctoral researchers from many different backgrounds and nationalities. This enriching working environment allows to contribute to policy debate and conduct fundamental as well as applied research.

What makes this doctoral research project exciting?

The doctoral candidate will conduct research at the intersection of the BSoG's digital and climate foci and benefit from the expertise and networks of the Centre for Digitalisation, Democracy and Innovation (CD2I) and the Centre for Environment, Economy and Energy (3E Centre). Within CD2I, the researcher will join the team researching agency in algorithmic governance, focused on how agency is negotiated in and through algorithms. We view online technologies as actors and spaces whom we shape and through whom we are shaped. Agency is understood at individual and group level. We are interested in practices of empowerment, afforded through technical architectures, norms, governance or concerted regulation of tech platforms. Within 3E, the researcher will be part of a thriving focus on understanding the societal and political conditions of international and European climate and energy governance towards climate neutrality and resilience.





Gross salary: We offer employment as a full-time doctoral researcher. The contract is a full-time research grant for one year, renewable on an annual basis for a maximum of four years. Extension of the contract is subject to the agreement of the doctoral committee and the Board of the Brussels School of Governance. The annual funding available to the Vrije Universiteit Brussel for this position DC10 is 48.000,00 €. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the EU MSCA Programme.

For more information, please contact: lead supervisors Prof. Trisha Meyer, Prof. Sebastian Oberthür (jobs_bsog@vub.be).

The doctoral projects listed below (DC11, DC12, DC13) are part of the Sustainable Transitions through Democratic Design Doctoral Network but are not funded by the EU MSCA scheme. Instead, as indicated, they are funded by national governments, but the doctoral candidates will have the same opportunities as DC1-10.

9. Doctoral project 11 (DC11)

Title of doctoral project: Identifying leverage points and facilitating multi-level design experiments that enable just ecological transitions

Recruiting university: University of the Arts London (UAL), London (UK)

Main supervisor: Professor Ramia Mazé, London College of Communications (LCC), UAL, London (UK)

Co-supervisor: Dr Niki Wallace, Camberwell, Chelsea and Wimbledon Colleges of Art (CCW), UAL, London (UK)

Other co-supervisors/mentors and organisations: Dr Fiona Lambe (Stockholm Environment Institute, Sweden) (mentor); Senior Manager or Manager (EY Seren, UK) (mentor); Prof. Luca Simeone (Aalborg University, Denmark) (co-supervisor).

Duration: 36 months

Required profile: Master's degree [or equivalent/extensive professional experience] in environmental or sustainability sciences, transitions management or transition design, strategic or service design, or





another related field; strong experience or knowledge of systems theory and practice, human-centred and collaborative design, social sciences.

Researcher's mentality: A successful Doctoral Candidate (DC) is likely to have an attitude that is open-minded, curious and enthusiastic, and; a working style that is proactive, analytic and empathic.

Desired skills: The DC should have, or being open to developing, strong academic and analytic skills as well as qualitative research methodologies and a keen interest in design, systems thinking and creativity. The project requires mastery of spoken and written English. Due to the collaborative, multi-stakeholder and transdisciplinary nature of this project, the DC should have excellent 'soft skills' including communication, facilitation, organizational and self-, team, and project management skills. Given the transdisciplinary nature of the project, it's desirable that the DC is attentive to issues of gender, power and diversity. A strong design orientation (or practical experience) is desirable.

Purpose: The doctoral research project aims to study and integrate particular approaches and practices from 'transition studies' and 'design for sustainability' best suited to enable a just ecological transition. An important outcome will be a conceptual framework that articulates set of key approaches, theories and tools relevant to 'transition design', evidenced through concrete cases. Analyzed case studies will be a basis for evidencing relevant approaches within actual transition processes as well as for identifying gaps and future opportunities. In addition, particular transition design methods and tools will be developed and advanced. Thus, cumulatively, the purpose of this research is to provide a set of conceptual and practical 'heuristics' that advance knowledge across multiple academic disciplines and that is relevant to practitioners in consultancies, governmental and third sector organizations. This DC will, together with several other DCs, contribute to a higher-level objective of understanding the application and adoption of design, transition and public participation practices that facilitate organisational change at different scales.

Methodology: The doctoral research will involve study of current theories and practices regarding just climate transition. This will involve an in-depth review of current literature and practice, with the objective to integrate knowledge across transition theory and related organizational and design practices. More specifically, this will involve analyzing particular theories of change and mapping out multiple related tools (such as 'multi-level perspective', 'x-curve', etc.).

Case study methodology will involve a survey and selection of relevant cases (including from secondment organizations Stockholm Environment Institute and EY Seren), which may be ongoing long-term cases, historical or 'live' projects. Indicative topics include mobility, waste, energy, food system and land-use transitions, with stakeholders spanning supply chains, businesses and government, civil society households and indigenous communities. Document analysis, qualitative methods (such as interviews) and design may be employed to shed light on whether and how such theories of change and tools can be put into practice, and, furthermore, how these may impact just climate transitions.

While literature review and case studies will be the primary research methods, practice research may include designing and/or testing tools related to transitions and futures; using or training others in collaboration, facilitation and creative methods and tools; developing transition design roles within organizational and policy contexts; 'speculative experimentation' with developed tools and roles within 'live' cases.

Secondments:

- Stockholm Environment Institute, Sweden (3 months) supported by a mentor (Dr Fiona Lambe) to map transition cases in relation to the extant literature on ecological transitions and design within multi-level systems.





- EY Seren in UK (6 months) supported by a mentor to develop case studies of facilitated transition design experiments including participant observation and interviews.

What's special about the host department/university?

University of the Arts London (UAL) is a large and highly reputed specialist university formed of 6 historic London art and design colleges including London College of Communication (LCC) and Camberwell, Chelsea and Wimbledon Colleges of Art (CCW). UAL's profile includes research and knowledge exchange that is both academically rigorous and that has social purpose. Design research in relevant networks and groups at UAL (including Service Design Futures group at LCC) excels in transdisciplinary subjects such as 'design for policy' and 'transition design.' The selected DC is expected to live in London and to contribute to the academic profile of UAL/LCC including relevant research networks within the university and the CoDesign4Transitions network. Secondments will involve travel as well as remote work. Collaboration between types of organizations, sectors and countries is crucial to the research program and individual DC research projects, thus the DC is expected to be willing to travel (locally and nationally).

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the University of the Arts London for this position DC11 is £53,404.08. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by UK Research and Innovation.

For more information, please contact: lead supervisor Prof Ramia Mazé (r.maze@lcc.arts.ac.uk) and co-supervisor Dr Niki Wallace (n.wallace@arts.ac.uk).

10. Doctoral project 12 (DC12)

Title of doctoral project: Materialising policy options in spaces for experimentation and learning for climate transition

Recruiting university: University of the Arts London (UAL), London (UK)

Main supervisor: Dr Lara Salinas, London College of Communication, University of the Arts London, London (UK)

Co-supervisor: Prof Adam Thorpe, Central Saint Martins, University of the Arts London, London (UK)





Other co-supervisors/mentors and organisations: Dr Carolina Giraldo (Climate KIC, Denmark) (mentor); Carlos Queremel (London Borough of Camden, UK) (mentor); Tom Sharland (London Borough of Southwark, UK) (mentor); Prof. Trisha Meyer (Vrije Universiteit Brussel, Belgium) (co-supervisor).

Duration: 36 months

Required profile: Master's degree (or an equivalent university degree or extensive professional experience) in a design or political science or related fields. A strong design orientation is required; previous experience with participatory methods and action research, public governance and sustainability or transition concepts will be an advantage.

Researcher's mentality: A research-oriented attitude, open-minded, curious, enthusiastic, with a working style that is driven by theory and practice, proactive, analytic, and empathetic. Capable of working independently, and likes to work in a team, good organizational and communication skills.

Desired skills: Due to the collaborative, multi-stakeholder and transdisciplinary nature of this project, the doctoral candidate should have excellent soft skills to work closely with people from other disciplines and across organizations, as well as communication, facilitation, organizational and project management skills. A mastery of spoken and written English is required.

Purpose: This doctoral research aims 1) to integrate current theories and frameworks in studies of co-design, transitions design, political science and design for policy; 2) to produce, test and critically assess design artefacts, media and workshops to understand the potential for their deployment and use in local government-citizen engagements in the context of experimentation and learning towards climate transitions (practice research) and 3) to produce a conceptual framework to inform future use of creative design approaches in local government-citizen engagements for experimentation and learning towards climate transitions.

The research expected results include 1) validated creative approaches in the context of climate transitions; 2) framework summarising capabilities for materialising policy options towards experimentation for climate solutions for local government.

Methodology: The doctoral research will involve study of current theories and practices regarding just climate transitions. This will involve in-depth review of current literature and practice, with the objective to integrate knowledge across disciplinary fields. More specifically, this will involve analysing co-design, transitions design, political science and design for policy literature and practices.

Practice research will include design and/or testing related to transitions and futures with residents and local governments. Case study methodology will involve a deep study of a selection of relevant cases (including from secondment organisations), which may be ongoing longitudinal cases, historical or 'live' projects. Document analysis, qualitative methods and design may be employed to shed light on whether and how such theories and practices may impact just climate transitions.

Secondments:

- Climate KIC, Copenhagen, Denmark, supported by mentor Dr Carolina Giraldo (3 months);
- London Borough of Camden, London, UK (6 months). This will focus on reviewing the results of the Somers Town Future Neighbourhoods action research supported by mentor Carlos Queremel and to support routes to policy implementation linked to iterative development of the council's Climate Action Plan, supported by mentor Tom Sharland.

What's special about the host department/university?





University of the Arts London (UAL) is a large and highly reputed specialist university formed of 6 historic London art and design colleges including London College of Communication (LCC) and Central Saint Martins (CSM). UAL's profile includes research and knowledge exchange that is both academically rigorous and that has social purpose. Design research in relevant networks and groups at UAL (including Service Design Future Lab at LCC and Public Collaboration Lab at CSM) excels in transdisciplinary subjects such as 'public design', 'design for policy' and 'sustainability'. The successful doctoral candidate is expected to live in London and to contribute to the academic profile of UAL/LCC including relevant research networks within the university and the CoDesign4Transitions network. Secondments may involve travel as well as remote work. Collaboration between doctoral candidates, organizations, sectors and countries is crucial to the research programme, thus the doctoral candidate is expected to be willing to travel locally and internationally.

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the University of the Arts London for this position DC12 is £53,404.08. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by UK Research and Innovation.

For more information, please contact: lead supervisor Dr Lara Salinas (l.salinas@lcc.arts.ac.uk) and co-supervisor Prof Adam Thorpe (a.thorpe@csm.arts.ac.uk).

11. Doctoral candidate 13 (DC13)

Title of doctoral project: **Envisioning future practices and institutions for just climate transitions**

Recruiting university: MOME Innovation Center, Moholy-Nagy University of Art and Design, Budapest, (Hungary)

Main supervisor: Dr Judit Bényei, MOME Theoretical Institute, Budapest (Hungary)

Co-supervisor: Dr Bori Fehér, Associate Researcher, Head of Social Design Hub, MOME Innovation Center, Budapest (Hungary)

Other co-supervisors/mentors and organisations: Emilia Lischke (CHÔRA Foundation, Netherlands) (mentor); Dr Elizabeth Calderon (Democratic Society, Belgium) (mentor); Dr Niki Wallace (University of the Arts London, UK) (co-supervisor).

Duration: 36 months





Required profile: Master's degree in service design, media design, sustainable management, social sciences, human-centered design or another related field.

Researcher's mentality: Open-minded, curious, enthusiastic, and accurate; proactive, capable of working independently, and likes to work in a team; good organizational and communication skills and a mastery of the English language in spoken and written form.

Desired skills: In order to produce creative media outputs envisioning and articulating future practices and institutions for climate transitions for use in citizen engagement projects (practice research) the Doctoral Candidate (DC) should have excellent skills in media production/media design, as well as excellent 'soft skills' essential for working with stakeholders (e.g., citizens, residents, business or local government employees) as well as having, or being open to developing, qualitative methodology skills and an interest in design, prototyping and creativity. A strong design orientation (or practical experience) is desirable. Given that the secondments will occur at different locations, it is assumed that the candidate will be comfortable with regular international travel.

Objectives: To investigate and integrate studies of co-design, curation, systems innovation and climate transitions to understand the potential for citizen co-creation. To design, produce, test and critically assess creative media outputs envisioning and articulating future practices and institutions for climate transitions for use in citizen engagement projects (practice research). To synthesise results and produce a conceptual framework for designers, businesses, government and civil society organisations using creative approaches. Expected results: Validated visual or media prototypes of future practices and institutions for climate transitions, with accompanying analysis.

Methodology: This doctoral project will include mixed approaches of qualitative research, literature review, case study analysis, surveys, interviews, co-design workshops, data analysis, conceptual framework development, prototype development, validation of framework, practical recommendation development. MOME and the CoDesign4Transitions network will support the DC to obtain and develop skills required to conduct this research.

Secondments:

- CHORA (Netherlands) (3 months) with mentor Emilia Lischke to explore opportunities for using creative, visual, spatial, three-dimensional, interactive methods to propose and explore future innovation spaces and practices for just climate transitions.
- Democratic Society (Belgium) (6 months) mentor Dr Elizabeth Calderon to share, test and evaluate the creative visual or media artefacts developed through practice research within a community deliberation project within DemSoc's activities.

What makes this doctoral research project exciting?

This doctoral research will focus on the convergence of design, climate studies, and citizen engagement, offering an interdisciplinary opportunity to investigate climate transitions. The candidate will actively participate in creative media output design, aiming to impact real-world solutions. The research's ultimate goal is to provide a valuable conceptual frameworks, to create validated visual or media prototypes of future practices and institutions for climate transitions and develop an analysis based on the gathered data, ensuring a meaningful and impactful experience for the researcher.

What's special about the host department/university?

Moholy-Nagy University of Art and Design (MOME) is a highly dynamic art university, one of the most prominent in central European region. While building on its 140 years legacy, MOME constantly innovates itself to stay progressive and futureproof. In the last decade the university has completely





renewed its physical environment, changed its operation model, introduced new international education programs and set up new interdisciplinary research groups and strategic initiatives that aims to strengthen MOME's research and education excellence and its international recognition. The university has always played a decisive role in the development of Hungarian design and has been since its creation an outstanding institution of the local art and design scene. MOME Innovation Center (IC) aims to explore how art and design competences can be utilized not only within creative industries, but for addressing global issues in industrial, social and environmental contexts.

Through interdisciplinary design-based research and collaboration with scientists, engineers and other professionals, the IC research hubs generate new knowledge for in-depth understanding of future-orientated research areas as well as work on applied solutions to practical problems. The doctoral candidate will work closely with the team of the Social Design Research Hub at IC, that focuses on developing and supporting practice based design research in order to seek opportunities for a more sustainable lifestyle and economy. MOME's multidisciplinary doctoral school is based on the coherence and interdisciplinary collaboration of four disciplines: architecture, theory, multimedia, applied arts and has been providing doctoral education over the past 25 years.

The chosen doctoral candidate is anticipated to live in Budapest and play an integral role in enhancing the academic standing of MOME, not only within its research departments but also in its broader academic circles and the CoDesign4Transitions network. The secondments will involve both travel and remote work. Given the significance of cross-organizational, cross-sectoral, and international collaboration in the research program and individual DC research initiatives, a willingness to undertake local and national travel is expected.

Gross salary: We offer employment as a full-time doctoral researcher. The annual funding available to the MOME Innovation Center for this position DC13 is 36.576,00 €. Please note: this is **not** the gross annual salary for the candidate. This figure refers to the total amount of funding available to the university that will hire the doctoral candidate, taking into account the living and mobility allowance funding from the EU MSCA as well as national laws. Applicants should be aware that their annual gross salary may well be significantly less than this amount, once the university has covered costs they incur such as pension and national insurance, subject to national laws. The annual gross salary the candidate receives will also be subject to tax, employment and pension deductions, depending on national employment laws.

According to the indications of the MSCA-DN program, the above amount may be increased by 660€ per month for researchers with family obligations.

This doctoral position is funded by the Hungarian Government.

For more information, please contact: lead supervisor Dr Judit Béneyi (benyeij@mome.hu) and co-supervisor Dr Bori Feher (feher.bori@mome.hu).

