



Dimitrios Thomas

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● ABOUT ME

European Commission policy officer and former scientific project officer with experience at the intersection of **digital policy, research and innovation, and academic research**. Currently working in DG CNECT on strategic files related to **open source, digital commons, the Open Internet Stack, blockchain/Web3, Web 4.0 and European digital sovereignty**. Strong track record in **policy preparation, programme management, institutional coordination, stakeholder engagement and evidence-based analysis**, combined with a solid academic background in engineering, digitalisation and management. Author of **more than 40 peer-reviewed scientific publications** and more than **1600 citations**, with international experience across EU institutions, research organisations.

● WORK EXPERIENCE

PROGRAMME OFFICER - EU POLICIES – EUROPEAN COMMISSION, DG CNECT, FUTURE INTERNET UNIT – 16/10/2024 – Current – BRUSSELS, BELGIUM

- Contribute to the development of EU digital policy on **open source, digital commons, Web 4.0, blockchain and open internet technologies**, with a particular focus on the **Open Internet Stack** and European digital sovereignty.
- Main contributor from Unit E3 to the **preparatory work for the EU Open Source Strategy**, including written elements reflected in the Commission’s strategic work and contributions to the research, scaling and maintenance strands.
- Contribute to the Commission’s strategic reflection on the **dual use of open source** by mapping relevant funded projects and identifying future areas of policy interest.
- Co-coordinate, from DG CNECT, the **Digital Commons European Digital Infrastructure Consortium (EDIC)** file, including input to statute and governance discussions, interservice coordination, replies to central services, and outreach to Member States and stakeholders.
- Prepare **policy notes, briefings, speeches, speaking points and lines to take** for senior management, including the Director and Executive Vice-President, on topics such as open source, digital public infrastructure, digital resilience, blockchain and the Open Internet Stack.
- Contribute to policy **briefings**, including as lead drafter for many of them, often under very tight deadlines and in parallel with other demanding files.
- Contribute to **Horizon Europe Cluster 4 work programme preparation**, including Member State consultations, orientation documents, topic development, ad hoc and info day presentations, and foresight work on critical digital technologies for the next Multiannual Financial Framework.
- Lead analytical work on **blockchain/Web3 and decentralised technologies**, including strategic narrative development, evidence gathering from over 40 projects and 250 contributors, and analysis of more than 350 EU-funded initiatives.
- Support the implementation and monitoring of EU-funded project files, including **grant agreement preparation, project follow-up, proposal evaluations and expert consensus meetings**.
- Represent Unit E3 in working groups, Member State exchanges and policy coordination settings, including on **Digital Commons, Telco Cloud and 3C networks, virtual worlds and open source policy**.

PROJECT ADVISER IN RESEARCH AND INNOVATION – CINEA - EUROPEAN CLIMATE, INFRASTRUCTURE AND ENVIRONMENT EXECUTIVE AGENCY - HORIZON ENERGY – 01/04/2023 – 15/10/2024 – BRUSSELS, BELGIUM

- Managed a portfolio of **20 Horizon 2020 and Horizon Europe projects** in the energy domain, including technologically complex files related to **Energy Data Spaces and AI testing and experimentation facilities**.
- Provided structured feedback to Commission policy services through **reports, briefings, notes and statistics**, helping connect project results with policy needs.

- Contributed to **calls for proposals, evaluator selection, grant preparation and contractual follow-up**, ensuring sound technical and financial oversight.
- Identified synergies across EU programmes and supported **knowledge exchange, dissemination and stakeholder coordination** among project consortia.
- Oversaw project implementation across **scientific, technical, financial and administrative** dimensions.

SCIENTIFIC PROJECT OFFICER – EUROPEAN COMMISSION, JOINT RESEARCH CENTRE, ENERGY SECURITY, DISTRIBUTION AND MARKETS C3 UNIT – 01/09/2020 – 31/03/2023 – ISPRA, ITALY

- Contributed to the Digitilaztion of the Energy Systems EU Communication
- Conducted research and analysis on the **energy, economic and societal implications of emerging digital technologies**, with a focus on technological trends and policy relevance.
- Developed **data-driven and AI-based approaches** for energy systems analysis, combining modelling, machine learning and quantitative methods.
- Contributed to the use of **open source digital tools and advanced analytics** in support of scientific research and policy-oriented outputs.
- Supported the translation of complex technical findings into **reports and evidence relevant for decision-making**.

RESEARCH ASSOCIATE – UNIVERSITY OF MONS, DEPARTMENT OF ELECTRICAL ENGINEERING, ELECTRICAL POWER ENGINEERING UNIT – 01/04/2015 – 31/08/2019 – MONS, BELGIUM

- Acted as principal investigator or key contributor in research projects on **smart energy systems, sustainability and market optimisation**.
- Developed quantitative models, digital tools and data-driven methods supporting the **green transition** and the integration of renewable energy systems.
- Managed research tasks, datasets and dissemination activities, contributing to **exploitable scientific results and project valorisation**.
- Produced peer-reviewed scientific output and contributed to **presentations, workshops and academic dissemination activities** in an international research environment.

JUNIOR RESEARCHER – EUROPEAN COMMISSION, JOINT RESEARCH CENTRE, NUCLEAR SAFETY AND SECURITY UNIT – 01/12/2013 – 30/11/2014 – PETTEN, NETHERLANDS

- Managed and maintained a **big Nuclear Data Library for Fission and Fusion** applications addressing anomalies and inconsistencies in the data structure.
- Performed reactor physics support on cladding integrity modelling using **Monte Carlo N-Particle Transport Code** and created a **power distribution map** of a Sodium Gen IV reactor core
- Proficiency in programming languages such as Python and Matlab for **data analysis, scripting, and automation**, harnessing the power of scripting for data processing tasks.

● **EDUCATION AND TRAINING**

01/04/2015 – 31/03/2019 Mons, Belgium

DOCTOR OF PHILOSOPHY IN DIGITALIZATION OF SMART ENERGY SYSTEMS AND ENERGY OPTIMIZATION University of Mons

- Energy Management, Data Analytics and Markets Optimization
- Data Analysis: Data collection, cleaning, processing, and analysis
- Machine Learning: Supervised and unsupervised learning, generative AI, NLP
- Techno-economic analysis and feasibility studies and demand response algorithms for energy efficiency and cost saving
- Algorithms, distributed and network algorithms, algorithmic game theory for electricity markets

PhD Thesis available online [here](#)

Address 22 Place du Parc, 7000, Mons, Belgium | **Field of study** Electricity and energy | **Level in EQF** EQF level 8 |

Thesis Energy Management in Smart Grids and Markets Optimization: Energy Scheduling, Power Quality Improvement and Local Market Design Focusing on Physical Storage Rights

- Business economics and governance
- Banking, corporate finance, accounting
- Human resources & project management
- Econometrics and statistical methods
- Statistical Analysis: Regression analysis, hypothesis testing, ANOVA, time series analysis

Address 14th km Thessaloniki - Moudania, 57001, Thessaloniki, Greece | **Field of study** Business, administration and law |

Level in EQF EQF level 7 |

Thesis Exploring the Relationships of Work Engagement, Job Satisfaction and Occupational Stress: A Study of Employees in Greece

- Deep knowledge of electrical and mechanical engineering principles, quantitative methods, mathematical and computer modelling
- Electrical and electronic engineering: semiconductors, components, power systems
- Simulation engineering and modelling

Address Gower St, Bloomsbury, WC1E 6BT, London, United Kingdom | **Field of study** Electronics and automation |

Level in EQF EQF level 7 |

Thesis Ai Stratis Island: Transition to 100% Renewable Energy Exploring Several Technoeconomic Scenarios

- Simulation engineering and modelling
- Scientific computing and data processing
- Computer hardware and architecture
- Systems engineering, sensorics, automation

Address Vas. Sofias, 12,, 67132, Xanthi, Greece | **Field of study** Electricity and energy, Electronics and automation |

Level in EQF EQF level 7 | **Thesis** A neutron radiography facility based on an experimental reactor

● **PUBLICATIONS**

Peer-reviewed scientific publications

- Author of **more than 40 peer-reviewed scientific publications** in academic journals and international conferences with more than **1600 citations**, with a strong focus on data analysis, optimisation and digitalised energy systems.
- Experience in presenting research and policy-related work in **international conferences, workshops and institutional events**.

● **PROJECTS**

Selected areas of expertise

- EU digital policy and governance
- Open source policy and digital commons
- Research and innovation programme management
- Blockchain/Web3 and emerging digital technologies
- Horizon Europe and EU project evaluation
- Strategic briefings, policy drafting and stakeholder engagement
- Data-driven analysis and evidence-based policy support
- Energy systems, digitalisation and innovation policy

Projects task leader and scientific contributor

- Project management such as defining, planning, delivering tasks
- Participated in the design, writing, production and editing of documents/reports Monitoring project progress - evaluation of programmes
- Quality controls, risk analysis, review of deliverables and reports, periodic/final reviews/checks, analysis of use of resources, audits, reporting
- Monitored project expenditure, financial reporting, analysis of the use of resources
- Contributed to the composition of numerous projects proposals (Fast Track Innovation, Eurostar, etc.)
- Project agreements preparation
- Analyze and assess the results and impact of the projects, provide feedback, make suggestions for modifications
- Organized visual material and presented project's outputs and results, disseminated the results of the projects via presentations, scientific articles, conference papers, workshops, seminars, publications, conferences and other events
- Organized and coordinated meetings, contributed to the preparation of informative and communication events

SKILLS

Scientific Programming

MATLAB | GAMS | OpenDSS | Python | HOMER

Data Analysis, Management and AI

SPSS | SQL | AI platform: Pytorch, Tensorflow etc. | Python/Anaconda | Seaborn | Matplotlib

eGrant and Project Management

Project Management: Sygma/Compass, Asana | SEP | EMI | PDM | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Corda

LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
ITALIAN	B2	B2	B2	B2	B2
FRENCH	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

CERTIFICATIONS AND TRAINING

Certifications and Training

- Artificial Intelligence: Optimization Algorithms in Python (Udemy)
- Machine Learning, Data Science and Deep Learning with Python (Udemy)
- Microsoft Azure Fundamentals (EU Learn)
- PM Square: Project Management Methodology (EU Learn)
- Machine Learning with Python (Coding School)
- JRC Online Python Fundamentals (EU Learn)
- The Modern Python 3 Bootcam (Udemy)
- JRC: Management of scientific research projects at JRC (EU Learn)
- JRC: Risk assessment in scientific projects and projects portfolios (EU Learn)

● **MANAGEMENT AND LEADERSHIP SKILLS**

Manager and research coordinator

- Project Manager of H2020 and HE projects portfolio in CINEA Horizon Energy
- Motivated, flexible, reliable, accurate, open-minded
- Research coordinator in a group of 7 researchers (Resized Project)
- Laboratory manager in the Electrical Power Unit of UMONS and responsible for coordinating laboratory experiments for the students
- Decision making capacity, ability to analyze, set alternatives, priorities and objectives

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Excellent drafting and presentation skills in oral and written form

- Good communication skills gained through my participation in international conferences and workshops where I had to present my work in front of audience
- Ability to present & explain complex information to non-experts
- Communication with stakeholders & networking events
- Contributed to the co-ordination of activities with external organizations to ensure the success and the implementation of the projects

● **ORGANISATIONAL SKILLS**

Organizational, proactive, and adaptable team player

- Excellent analytical and problem-solving skills and a capacity to make sound, logical and well-argued judgments
- Negotiation, problem solving and conflict resolution skills
- Ability to manage and empower staff and build productive and cooperative working relationships in an intercultural and/or multidisciplinary context