



Antreas Afantitis

Date of birth: 11/11/1978 | **Nationality:** Cypriot | **Gender:** Male | (+357) 99048039 |

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● WORK EXPERIENCE

01/09/2021 – CURRENT – Nicosia, Cyprus

COORDINATOR OF COMPSAFENANO H2020 MARIE CURIE PROJECT – NOVAMECHANICS LTD

CompSafeNano's overarching objective is thus to drive the development of integrated and universally applicable nanoinformatics models, with broad domains of applicability across NMs compositions and forms, that are directly usable by industry, especially SMEs, and regulators for NMs risk assessment and decision making. CompSafeNano will establish an extended safe-by-design paradigm that includes environmental sustainability (life cycle assessment) based on in silico predictions with experimental testing to validate the results.

01/01/2019 – CURRENT – Nicosia, Cyprus

COORDINATOR OF NANOSOLVEIT H2020 NANOINFORMATICS PROJECT – NOVAMECHANICS LTD

NanoSolveIT (H2020 nanoinformatics project) aspires to introduce a ground-breaking in silico Integrated Approach to Testing and Assessment (IATA) for the environmental health and safety of nanomaterials (ENM), implemented through a decision support system packaged as both a stand-alone open software and via a Cloud platform. NanoSolveIT will deliver a validated, sustainable, multi-scale nanoinformatics IATA, tested and demonstrated at TLR6 via OECD-style case studies, to serve the needs of all stakeholders at each stage of the ENM value chain, for the assessment of potential adverse effects of ENM on human health and the environment.

01/01/2009 – CURRENT – Nicosia, Cyprus

MANAGING DIRECTOR – NOVAMECHANICS LTD

Founder and director of NovaMechanics Ltd, being responsible for the overall management, strategic direction, growth and financial control. Contractor for EFSA & ECHA. Products: Isalos Analytics Platform (ML/AI zero-code User Interface), Enalos+ KNIME nodes, Enalos Cloud Platform, Enalos Suite, Enalos Asclepios KNIME nodes

● EDUCATION AND TRAINING

1998 – 2003

BSC IN CHEMICAL ENGINEERING – National Technical University of Athens

www.ntua.gr

2003 – 2004

M.SC. IN CHEMICAL ENGINEERING – National Technical University of Athens

www.ntua.gr

2003 – 2006

PH.D. IN CHEMICAL ENGINEERING – National Technical University of Athens

www.ntua.gr

2005 – 2007

MBA (TECHNO ECONOMICS SYSTEMS) – National Technical University of Athens

www.ntua.gr

● LANGUAGE SKILLS

Mother tongue(s): GREEK

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

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

● DIGITAL SKILLS

Chemoinformatics | Microsoft Word | Google Drive | Social Media | Microsoft Office | Outlook | Microsoft Excel | Skype | Enalos Suite | Isalos Analytics Platform | KNIME Analytics Platform | Nanoinformatics | Power Point | Java Programming language | Web Development HTML 5 CSS JavaScript | Enalos Cloud Platform | Exposure Models

● PUBLICATIONS

Antreas Afantitis Publons Profile

<https://publons.com/researcher/1385579/antreas-afantitis/>

Antreas Afantitis Google Scholar Profile

<https://scholar.google.com/citations?user=Dstb6JgAAAAJ&hl=en>

● PROJECTS

R&D Projects (with NovaMechanics Ltd)

<https://novamechanics.com/our-projects/>

Contracts with EU Institutions

EFSA: NP/EFSA/FEED/2020/01: Metal chelates: Physico-chemical/biological data

ECHA: ECHA/2020/705: Market study of the EU market on nanomaterials, including substances, products, uses, volumes and key operators

ECHA: ECHA/2021/92 – A study on (Bio)degradation, persistence and safe by design for nanomaterials

EFSA: NP/EFSA/COM/2021/02 Plain language summaries of EFSA scientific assessments