

TEMAS

Solutions

Safe & Sustainable Innovations

Blanca Suarez-Merino
Co-founder

- Swiss SME founded in August 2020
- Our goal is to bridge the gap between innovative ideas and regulatory compliant products
- We follow the Safe and Sustainable by design principles



SUSTAINABILITY ASSESSMENT

We provide consultancy services to address the environmental footprint (LCA) and the carbon footprint of your products and services.



SAFE AND SUSTAINABLE BY DESIGN

We provide unique expertise in the nano-sector addressing challenges regarding regulation and sustainability issues along the life cycle of nano-enabled products.



SAFETY AND REGULATIONS

We offer industry support on REACH, Medical Device, and Cosmetic Regulations.



NANOTECHNOLOGY

Nanotechnologies represent a transversal technology and as such may cover different regulations depending on the intended use/process of a nano-enabled product. Developers, therefore, should keep themselves active in different regulatory fora which translates, sometimes in a burden due to lack of expertise and resources. TEMAS Solutions supports companies navigate through this plethora of regulations resulting in cost-efficient product launch into the market.



RISK ASSESSMENT AND BIOLOGICAL EVALUATION REPORTS

We perform risk assessment for medical devices, cosmetics and chemicals taking on board the latest developments and tools.



TRAINING

We offer training workshops to companies and individuals interested in sustainability, risk assessment and safe and sustainable by design.

Offering a wide portfolio of expertise based on an international track record

Water treatment technologies eg As, B, U, F

SSbD from idea to industrial implementation

BDDE nano sensors for >10 metals in water (ppb level)

Low footprint production of nanosilica (CO₂, low T, zero waste)

NBS (wetlands) remediation technologies

Primary and secondary raw materials use/application

Implementing testing strategies for product regulatory compliance on safety for chemicals, cosmetics and medical devices

Financial analysis and planning

Defining Sustainability strategies for industry

Quantifying carbon footprints

Preparing biological Safety Reports for medical devices and cosmetics

Business development with strategy, planning, sustainability, and models

LCA, LCC, Life Cycle Thinking: incl. training

IT / Business Requirements engineering, IT-Process engineering, Data management, QA, testing

making risk assessment for cosmetics, medical devices and chemicals

Scientific Minds For Consultancy Services



Devendra Joshi
Business developer and IT



James Baker PhD
Innovation manager and
international project developer



Blanca Suarez-Merino DPhil
Toxicologist & Risk Assessor



Véronique Adam PhD
Environmental Risk Assessor



Beatrice Salieri PhD
Sustainability Consultant



Helping Industry comply current and upcoming EU Policy Goals

- Life Cycle Assessment (LCA)
- Strategies to manage Carbon footprint
- Provide sustainable strategies in the sectors of chemicals, emerging technologies (nanotechnologies) and packaging
- Development of nanotechnology solutions to address current environmental problems (water treatment)



SAFETY AND REGULATIONS

Keeping pace with regulation

- Provide regulatory dossiers for chemicals, cosmetics and medical devices
- Perform toxicological data gap analysis and develop Experimental strategies to produce science based analysis of product claims
- Large network of GLP compliant testing laboratories



SAFE AND SUSTAINABLE BY
DESIGN

Moving towards a toxic-free, zero pollution
Europe

- Implementation of Safe and Sustainable by design frameworks from early innovation stages
- Cost efficient testing strategies from design phase to product, to achieve regulatory compliance
- Participation in key EU initiatives, discussion groups and standardisation activities



NANOTECHNOLOGY

Helping industry face the specific challenges of nano scale

- Guidance through the different regulations which include provisions for nanomaterials
- Implementation of testing guidelines adapted to nanomaterials
- Network of laboratories with expertise in nanomaterial testing





Translating theoretical strategies into practice at the industrial level

- Our staff provides practical guidance in the implementation of safe and sustainable by design framework at the industrial setting
- Training takes place online, through industrial visits or at dedicated events



Nanosafety Training School 2022

- To increase our visibility in the nanomedicine field
- To establish mutually beneficial links with BNN partners, driving collaboration and innovative co-creation
- To bring added value to BNN by responding to EU initiatives with dialogue, discussion and project participation
- To explore opportunities as a service provider in safety and sustainability

Thank you!

blanca@temasol.org

www.temasol.ch

LinkedIn



QUAREGIA

Quality & Regulatory Compliance

