

Talent Pass

€ **3**
million
funding

10
partners

7
countries

48
month
duration

Empowering Innovation

Through Mobility

& Collaboration

Dr. Mirica Karlovits



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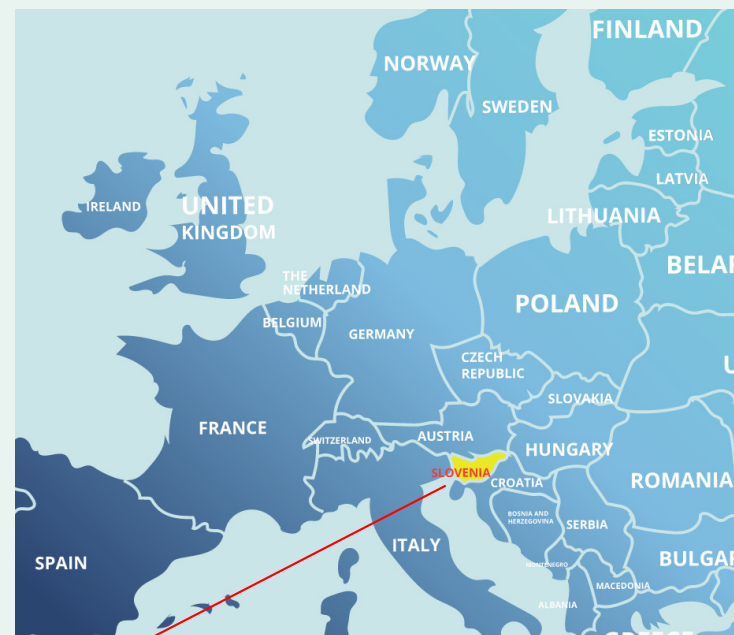
ABOUT NIC



NATIONAL INSTITUTE OF CHEMISTRY



National Institute of Chemistry is leading scientific and R&D institution in the region with focus on chemistry (in broad sense!).



LOCATION:

Hajdrihova 19, Ljubljana, Slovenia

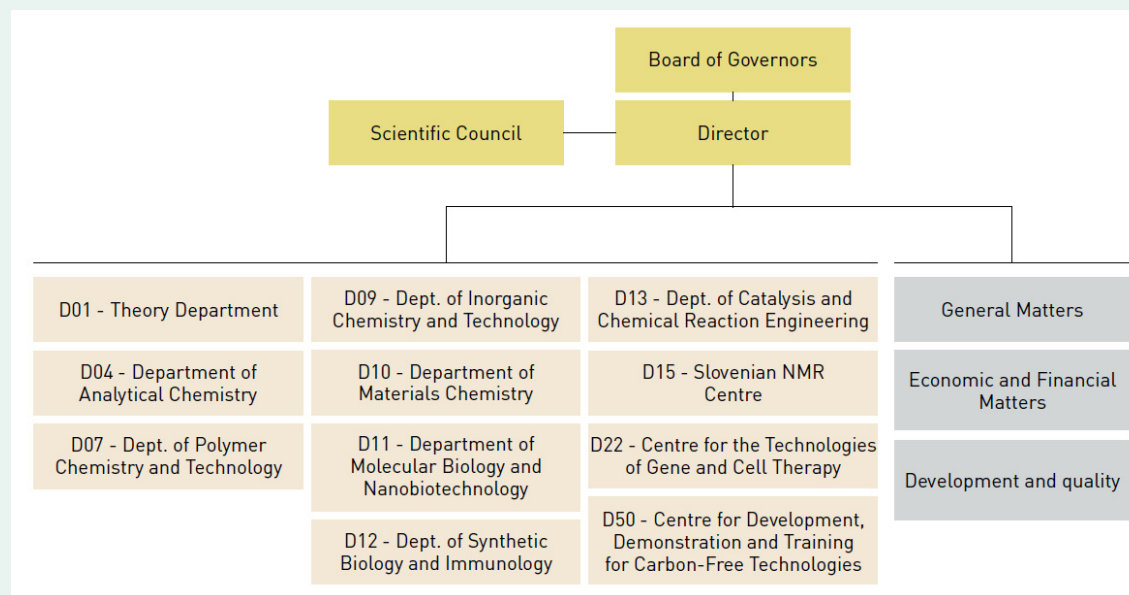
ABOUT NIC



- NIC is a scientifically excellent, established and breakthrough research institution in Europe.
- Through our cutting-edge research, we are enriching the global treasury of knowledge and working together to solve the most pressing challenges faced by society.
- **Health, environmental protection, circular economy, sustainable energy, climate change, and safe food** are the most important among them.
- We successfully transfer knowledge to the industrial environment.
- NIC is the member of international **multidisciplinary research networks**, and collaborates with the best global research institutions, groups and individuals.



9 Departments and 3 Pilot centres



**CENTRE FOR DEVELOPMENT, DEMONSTRATION AND TRAINING
FOR CARBON-FREE TECHNOLOGIES**



**CENTRE FOR THE TECHNOLOGIES OF GENE AND
CELL THERAPY**



**CENTER FOR BIOMASS
BIORAFINATIONS
(coming soon)**

ABOUT NIC



Number of employees at 31/12/2024

465 employees



53%

47%

position



33%
permanent



67%
temporary

84%
from Slovenia



16%
from other
countries



161
PhD students



53%



47%

196
researchers



43%



57%

average age



36,72



36,74

ABOUT NIC / D13



**Department of Catalysis and Chemical
Reaction Engineering – D13**

Head: prof.dr. Blaž Likozar



RESEARCH FILEDS

**Carbon dioxide and
hydrogen technologies**

Group leader: **dr. Blaž
Likozar**

**Bioplastic,
biocomposites and zero-
waste technologies**

Group leader: **dr. Uroš
Novak**

**Process and product
engineering for pharma
and food**

Group leader: **dr. Filipa A.
Vicente**

**Biorefinery and
bioeconomy**

Group leader: **dr. Miha
Grilc**

**Bioinformatics of
chemical reactions in
microbiome metabolic
responses**

Group leader: **prof.dr.
Blaž Stres**

In Silico Catalysis

Group leader:
assist.prof.dr. Matej Huš

- Expanding knowledge of chemistry, (bio)materials, chemical engineering and biotechnology
- Applying newly acquired knowledge to industry
- Transferring knowledge to young generation and public

MEET THE TEAM



Assist.prof.dr. Uroš Novak
Biopolymers and zero-waste,
Scientists against plastic platform

Dr. Edita Jasiukaitytė Grojzdek
Research Assistant Professor at NIC

Dr. Vesna Kuralt
Anthropology and Marketing Specialist

Andreja Palatinus MSc
Environmental science, law and
entrepreneurship.

Dr. Mirica Karlovits
Graphic, information and communication
technologies specialist

Assist.prof.dr. Ilja Gasan Osojnik Črnivec
Researcher at NIC | Asst. Prof. at UL | H₂ and CO₂
Technologies |
Energy; Environment; Functional compounds and
materials; Food waste

Tina Letić
Project coordinator

Živa Tory
Financial Monitoring of European Projects

TEAM involvement in projects





Thank You!



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