

PERSONAL INFORMATION

Tomáš Novotný

Sex Male | Nationality Czech

WORK EXPERIENCE

April 2012 – April 2014

Consultant and Deputy Manager

TECHEM CZ (www.techemcz.cz)

- Coordinating the project team in the project “Substance Identity (SID) in REACH. Analysis of SID and substance sameness of complex substances.” Carried out for the European Commission, Directorate-General Internal Market, Industry, Entrepreneurship and SMEs (former DG Enterprise and Industry).
- Conducting and managing research project “Software instrument for implementation of REACH Regulation, CLP Directive and related documentation”.
- Managing project “Preparatory support on bioinformatics for the evaluation of the risk assessment of GMO dossiers” carried out for the European Food Safety Authority, while also participating on key project tasks, including assessment of bioinformatics analyses performed by applicants for authorisation of genetically modified food and feed.
- Other responsibilities and activities include performing literature searches in natural sciences disciplines, especially toxicology, chemistry and environmental protection; business development and product development of new and existing services.

Business or sector Environmental protection consultancy

March 2011 – March 2012

Biomass and biogas technologies specialist and product and project manager

TÜV SÜD Czech (www.tuv-sud.cz)

- Led projects of inspection and assessment of both running and projected biogas plants, participated in inspections of biogas plants in person and performed complex technical due diligence and energetic-economic calculations of biogas plants operation; developed biogas and biomass technologies inspection procedures and certification and auditing services; increased turnover in biogas and biomass technologies inspection, certification and auditing services from 0 to approx. 50 000 €/year.

Business or sector Auditing, testing, inspection and certification services

February 2010 – December 2010

Consultant

TECHEM CZ (www.techemcz.cz)

- Conducted research focused on in silico methods for prediction of toxicity of chemical substances. Methods under research included comparison of various (Q)SAR and read-across approaches for prediction of toxicity and ecotoxicity and their suitability to meet demands of the REACH legislation.

Business or sector Environmental protection consultancy

September 2008 – June 2009

Executive director

DEVELOPSTUDIO

- Responsible for all HR in the company. Ensured effective communication between technical and sales departments, reported to owners of the company and suggested strategic decisions. Designed and established internal company processes. For the entire duration of the employment, the company grew from 5 to approximately 20 employees.

Business or sector Internet marketing

EDUCATION AND TRAINING

September 2009 – June 2011

Master's Degree in Applied informatics in Chemistry

EQF level 7 – M.Sc.

Institute of Chemical Technology, Prague (www.vscht.cz)

- Molecular Biology
- Bioinformatics algorithms, Structural bioinformatics
- Essential and Advanced Bioinformatics
- Molecular Modelling and Bioinformatics
- Data mining, Statistical Data Analysis,
- Chemical Informatics
- Theoretical Computational Chemistry, Computations and Visualization of Molecules
- Computer Aided Chemical Structure Processing

September 2004 – June 2008

Bachelor's Degree in Informatics and Chemistry

EQF level 6 – B.Sc.

Institute of Chemical Technology, Prague (www.vscht.cz)

- Chemical calculations, organic chemistry, inorganic chemistry
- Essential and Advanced Biochemistry
- Programming, scripting languages, object oriented programming

PERSONAL SKILLS
Mother tongue(s) Czech

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C2
Cambridge ESOL First Certificate in English					
French	A2	A2	A1	A2	A2
Spanish	B1	B1	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through my experience in managing research projects and as a Sales team manager in Developstudio and as a Product manager in TUV SUD Czech

Organisational / managerial skills Project management skills gained by managing research and development projects at TECHEM CZ. Great organizational skills gained through experience as a Product manager in TUV SUD Czech

Job-related skills Good command of quality control processes (performing various audits and inspections while employed at TÜV SÜD Czech)

Computer skills Good knowledge of Microsoft products, Unix/Linux operating systems, programming, web design and development, software architecture

ADDITIONAL INFORMATION

Conferences
Seminars

- Safe NANO Innovations (10/2012) – BioTechMed Advanced Technology Centre in Lodz, Poland
- Biomass & Energetics 2011 (11/2011) – The Czech Biomass Association (CZ Biom)
- Construction and operation of biogas plants (10/2011) – Czech Biogas Association
- ANAEROBY 2011 (09/2011) – The Czech Water Association
- Biomass – potential for development of energetic mix (05/2011) – VÚB, Slovakia
- Microsoft Excel for advanced users (01/2011) – The Prague Economic Chamber
- Project manager for The Operational Programme Environment – Elearning course (12/2010) – Ministry of the Environment of the Czech Republic
- Health Risk Assessment in EIA / SEA (11/2010) – The Czech Environment Management Center
- MSDS and other changes in CLP, REACH, CSR (09/2010) – Medistyl
- REACH and CLP in 2010 (04/2010) – Association of Chemical Industry of the Czech Republic
- Project Management Day (07/2009) – Tuesday Business Network

Publications
Presentations

- Obligations resulting from Act No. 167/2008 on preventing environmental damage Novotný, T. SPEKTRA 2012, 6, 48–49.
- Using in silico methods to predict hazardous properties of chemicals Novotný, T.; Kukačková, Z. SPEKTRA 2011, 4, 51–54. Article to be published in an impacted periodical is currently being written
- Shortcomings of energy audits and feasibility studies of biogas plant construction projects Novotný, T. Biom.cz [Online] 2011. <http://biom.cz/cz-biopllyn/odbome-clanky/proc-byvaji-nektera-ocakavani-investoru-biopllynovych-stanic-nenaplнена-nedostatky-energetickych-auditu-a-studii>
- Shortcomings of energy audits and feasibility studies of biogas plant construction projects – conference presentation

Honours and awards

- 1st place Student scientific research awards, Institute of Chemical Technology, Prague (2010)
- 2nd place Student scientific research awards, Institute of Chemical Technology, Prague (2007)