

Date	2008	October	Valid until:	2013	December
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CONTACT DETAILS

Organisation full name	Ekološki inženjering d.o.o.		Contact person:	
Organisation acronym (Abbreviation)	ECO		Title	doc.dr.sc.
Department / Sector / Faculty	-		First Name	Vice
Address	Kestenova 56a, Kukci		Family Name	Šoljan
Postal code	52 446		Telephone	+385 52 456 271
City	Nova Vas		Fax	+385 52 456 280
Country	Croatia		E-mail	vice.soljan@ekoing.hr
www address	www.ekoing.hr			

ORGANISATION TYPE

Type	Research Organisation (Private <input type="checkbox"/> Public <input type="checkbox"/>) High Education School / University / Institute (Private <input type="checkbox"/> Public <input type="checkbox"/>) SME ¹ <input checked="" type="checkbox"/> <input type="checkbox"/> Other, please specify:
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Description of the organisation (max 1.000 characters): We are some 20 years active in R&D of novel bioprocesses for complex municipal and industrial wastewater treatment. These activities include isolation and selection of microorganisms, bioprocess research (from bench scale to laboratory) and development up to pilot plant scale. Usually each newly developed process is tested in on-site pilot plant, and after proceeded to full scale application (scaling up technology and starting up the full scale plant). So far, we have applied our technologies in chemical and pharmaceutical industries and landfill percolates. For the latest developed bioprocess (ARGUS – aerobic granules upgrade system) we were also internationally awarded by EU commision. In general, our research and therefore our markets is devided into direction: complex compounds biodegradations and high nitrogen concentration removal.

EXPERTISE / COMMITMENT OFFERED

Description of the expertise offered by your organisation (max 2.000 characters)	- Isolation, selection and application of microorganisms for: 1. Biological removal of high concentration of formaldehyde 2. Enhanced biological nutrient removal from pig slurry 3. Enhanced biological nutrient removal from rendering plant 4. Upgrading municipal SBR plant in purpose to treat pharmaceutical wastewater 5. Upgrading industrial treatment plant for pharmaceutical wastewater treatment
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¹ According to Article 2 of the annex of Commission Recommendation 2003/361/EC of 6 May 2003, which applies from 01 January 2005, an SME (Micro, Small or Medium-sized Enterprise) is an enterprise which:

- has fewer than 250 employees,
- has an annual turnover not exceeding 50 million euro, and/or
- an annual balance-sheet total not exceeding 43 million euro.

http://europa.eu.int/comm/enterprise/enterprise_policy/sme_definition/index_en.htm

Research organisation /SME Profile Form

	6. Biological degradation of wastewater from leather processing 7. Biological degradation of wastewater from chemicals processing 8. Aerobic degradation of residuals from pulp and paper production - Training of plant managers - Project management		
Keywords describing the expertise offered	Sustainable production and management of biological resources from land, forest and aquatic environments: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> <input type="checkbox"/> Biological resources <input type="checkbox"/> Biodiversity <input type="checkbox"/> Genomics/Proteomics/Metabolomics <input type="checkbox"/> Bioinformatics <input type="checkbox"/> Agriculture <input type="checkbox"/> Forestry <input type="checkbox"/> Fisheries <input type="checkbox"/> Aquaculture <input type="checkbox"/> Horticulture </td> <td style="width: 50%; border: none; vertical-align: top;"> <input type="checkbox"/> Novel feeds <input type="checkbox"/> Novel plants <input type="checkbox"/> Plant Health <input type="checkbox"/> Animal Production and Welfare <input type="checkbox"/> Animal husbandry <input type="checkbox"/> Vaccines and Diagnostics <input type="checkbox"/> Organic production methods <input type="checkbox"/> Dairy Production <input type="checkbox"/> Tracking and tracing <input type="checkbox"/> Other, specify: </td> </tr> </table>	<input type="checkbox"/> Biological resources <input type="checkbox"/> Biodiversity <input type="checkbox"/> Genomics/Proteomics/Metabolomics <input type="checkbox"/> Bioinformatics <input type="checkbox"/> Agriculture <input type="checkbox"/> Forestry <input type="checkbox"/> Fisheries <input type="checkbox"/> Aquaculture <input type="checkbox"/> Horticulture	<input type="checkbox"/> Novel feeds <input type="checkbox"/> Novel plants <input type="checkbox"/> Plant Health <input type="checkbox"/> Animal Production and Welfare <input type="checkbox"/> Animal husbandry <input type="checkbox"/> Vaccines and Diagnostics <input type="checkbox"/> Organic production methods <input type="checkbox"/> Dairy Production <input type="checkbox"/> Tracking and tracing <input type="checkbox"/> Other, specify:
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	Fork to Farm: Food, health and well being <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> <input type="checkbox"/> Consumer behaviour <input type="checkbox"/> Functional Food <input type="checkbox"/> Nutrition Science <input type="checkbox"/> Physiology <input type="checkbox"/> Food Technology <input type="checkbox"/> Food Processing <input type="checkbox"/> Packaging <input type="checkbox"/> Food safety <input type="checkbox"/> Other, specify: </td> <td style="width: 50%; border: none; vertical-align: top;"> <input type="checkbox"/> Potable/Safe Drinking Water <input type="checkbox"/> Animal Feed <input type="checkbox"/> Chemical Food Safety <input type="checkbox"/> Microbiological Food Safety <input type="checkbox"/> New detection methods <input type="checkbox"/> Risk Assessment <input type="checkbox"/> Food Chain Analysis/Management <input type="checkbox"/> Pesticide/BioActive Additives/Substances Control </td> </tr> </table>	<input type="checkbox"/> Consumer behaviour <input type="checkbox"/> Functional Food <input type="checkbox"/> Nutrition Science <input type="checkbox"/> Physiology <input type="checkbox"/> Food Technology <input type="checkbox"/> Food Processing <input type="checkbox"/> Packaging <input type="checkbox"/> Food safety <input type="checkbox"/> Other, specify:	<input type="checkbox"/> Potable/Safe Drinking Water <input type="checkbox"/> Animal Feed <input type="checkbox"/> Chemical Food Safety <input type="checkbox"/> Microbiological Food Safety <input type="checkbox"/> New detection methods <input type="checkbox"/> Risk Assessment <input type="checkbox"/> Food Chain Analysis/Management <input type="checkbox"/> Pesticide/BioActive Additives/Substances Control
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Life sciences and biotechnology for sustainable non-food products and processes <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> <input type="checkbox"/> Biomass production <input type="checkbox"/> Bio-products <input type="checkbox"/> Bio-refinery <input checked="" type="checkbox"/> Bio-processes <input type="checkbox"/> Fibres (Wool, cotton, novel-bio-fibres) </td> <td style="width: 50%; border: none; vertical-align: top;"> <input type="checkbox"/> Wood-production <input checked="" type="checkbox"/> Pollution <input checked="" type="checkbox"/> Ecology <input checked="" type="checkbox"/> Waste Processing <input type="checkbox"/> Other, specify: </td> </tr> </table>	<input type="checkbox"/> Biomass production <input type="checkbox"/> Bio-products <input type="checkbox"/> Bio-refinery <input checked="" type="checkbox"/> Bio-processes <input type="checkbox"/> Fibres (Wool, cotton, novel-bio-fibres)	<input type="checkbox"/> Wood-production <input checked="" type="checkbox"/> Pollution <input checked="" type="checkbox"/> Ecology <input checked="" type="checkbox"/> Waste Processing <input type="checkbox"/> Other, specify:	
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Commitment offered <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Demonstration <input checked="" type="checkbox"/> Training <input checked="" type="checkbox"/> Technology <input checked="" type="checkbox"/> Dissemination <input type="checkbox"/> Other, please specify:			

EXPECTATIONS

Term commitment	<input type="checkbox"/> Short (< 1 year) <input type="checkbox"/> Medium (1 to 3 years) <input checked="" type="checkbox"/> Long (more than 3 years)
Expected results for your organisation (max 500 characters)	Acquire new fundamental and applied knowledge and analytical techniques. Establish international contacts and cooperation.

INTERNATIONAL COOPERATION

Former participation in European projects?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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**Research organisation /SME
Profile Form**

If YES: Programme's name: Project title / Acronym: Activities performed:	<ul style="list-style-type: none">➤ SENTER program - national project coordinator➤ EUREKA Biomac - partner➤ EUREKA CAWAB - partner➤ FP7 BACSIN - partner (ongoing project)➤ FP7 STREAM - coordinator (reserve list)➤➤
Do you have knowledge on the 6th European Framework Programme on Research and Development (FP6)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Interested in participating in FP7?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Interested in receiving training on FP issues?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I agree with the publication of my data!

Please fill-in in English and return to:

Lana Žutelija

Hrvatski Institut za tehnologiju (HIT)

"Food, Agriculture, and Fisheries, and Biotechnology" NCP

lana.zutelija@hit.hr