

PROJECT TITLE

New compounds and enzymes from metagenomic libraries

YOUR PROJECT IS RELATED TO

Novel systems for new or more sustainable processes using bio-catalysts such as enzymes, micro-organism and cell-free biosynthesis systems from natural or synthetic origins. This includes orthogonal biosystems, minimal genome approaches and protocells., Compounds by understanding and engineering metabolic pathways including synthetic biology approaches.

PROJECT DURATION

36 Months

TOTAL REQUESTED FUNDING

350.000 €

TOTAL COSTS

350.000 €

CONSORTIUM

P 1	Dr Max Mustermann Research Centre Juelich	Wilhelm-Johnen-Str., 52428 Juelich Germany	m.karrasch@fz-juelich.de Tel.: 0049 2461 61 6245
P 2	Prof John Smith University of XY	River Street, 12345 Riga Latvia	smithjohn@fz-juelich.de Tel.: 0371 12345678
P 3	Prof Mary Smith Research Centre AB	xy street, 12345 Oslo Norway	smithmary@fz-juelich.de Tel.: 0047 123456

FINANCES

Requested funding [in k€]

Organisation name	Personnel	Travel	Consumables / Equipment	Subcontracts	Requested Funding	Total Own Contribution	Total Costs
Research Centre Juelich	150	20	5	20	225	0	225
Overhead	30						
University of XY	100	15	10		125	0	125
Overhead							
Research Centre AB					0	0	0
Overhead							
TOTAL	280	35	15	20	350	0	350

1 k€ = 1000 €

Own contribution [in k€]

Organisation name	Personnel	Travel	Consumables / Equipment	Subcontracts	Other	Total Own Contribution
Research Centre Juelich						0
University of XY						0
Research Centre AB						0
TOTAL	0	0	0	0	0	0

1 k€ = 1000 €

PROJECT SUMMARY

This project is really very important, because...

PUBLISHABLE PROJECT SUMMARY

The project deals with...(description should be plain and comprehensible) ...it will deliver the following benefits for the public...

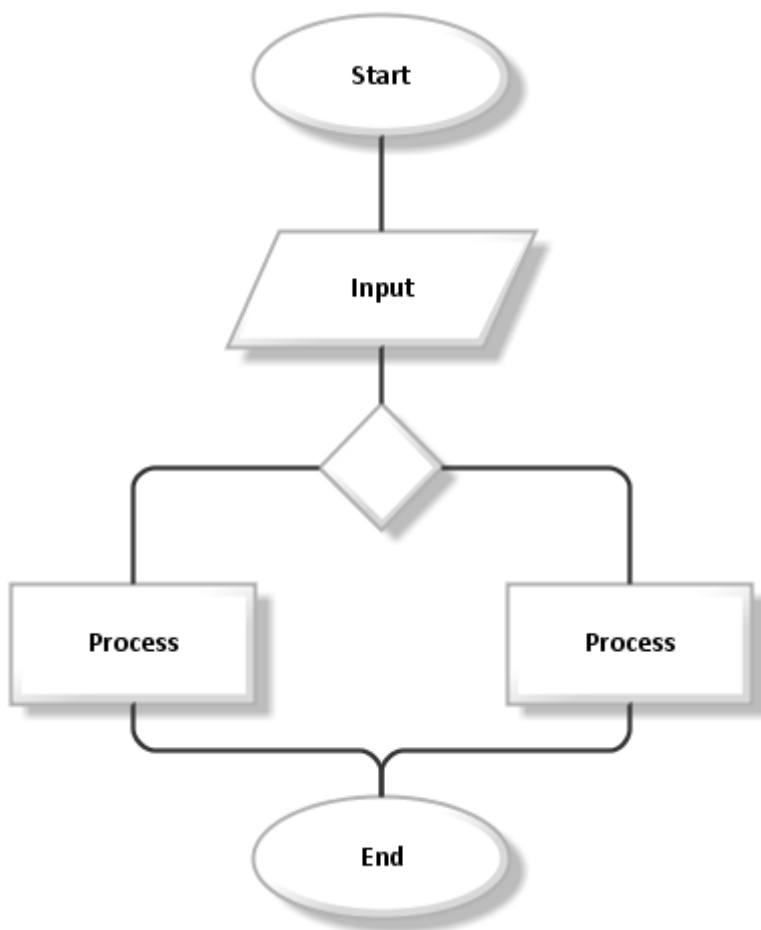
BACKGROUND AND RATIONALE

Metagenomes are of high interest with regard to.....

PROJECT DESCRIPTION

This projects consists of 6 work packages...

the following image shows a flowchart about how the work will be organized:



...

INTERACTION WITH INDUSTRY

3 industrial partners are involved in the project...

RESOURCES

A strain collection of approx. 500 different bacterial strains isolated from different places in....will be provided by partner 2...

EXPLOITATION / DISSEMINATION PLAN

the expected outcome of the project will be metagenome libraries that will be shared among all project partners. New enzymes identified from the metagenome libraries will be further developed by industrial partner xy...

patents...

BENEFITS OF COOPERATION AT TRANSNATIONAL LEVEL

the cooperation gains from expertise in xx (partner 1), y (partner 2)...

LITERATURE

Partner 1 (Consortium Coordinator): Research Centre Juelich

Partner 2: University of XY

Partner 3: Research Centre AB

WORK PACKAGES

Table of Work Packages + Tasks

WP	Task	Start Month	End Month	WP / Task Title
1		1	3	Consortium management
	1.1	1	3	Consortium agreement
2		2	12	Metagenome libraries

WP	Task	Start Month	End Month	WP / Task Title
	2.1	2	6	collection of soils
	2.2	4	12	construction of metagenome libraries

WP/Task No.	WP Objectives + Description / Task Description	Partner (strong = Teamleader)	Person Month(s) (strong = Teamleader)
WP1	<p>Objectives:</p> <p>This WP includes all activities related to the consortium management...</p> <p>Description:</p> <p>The consortium management will include the following activities:</p> <ul style="list-style-type: none"> - ... - ... 	P1, P2	1, 1
T1.1	Negotiation and conclusion of the consortium agreement	P1 , P2	1 , 1
WP2	<p>Objectives:</p> <p>construct 5 different metagenome libraries from 5 different sources</p> <p>Description:</p> <p>5 different metagenome libraries from 5 different sources will be constructed. This work includes...</p>	P1, P2	1, 4
T2.1	soils from different areas will be collected	P1, P2	1 , 4
T2.2	metagenome libraries will be constructed by using the different soil samples...		

Table of Milestones

Milestone No.	Month	Milestone Title + Description
M1.1	3	<p>Title:</p> <p>Consortium Agreement</p> <p>Description:</p> <p>Conclusion of the consortium agreement</p>
M2.1	6	<p>Title:</p> <p>soil collection completed</p> <p>Description:</p> <p>the collection of at least 5 different soil samples from different habitats is completed.</p>
M2.2	12	<p>Title:</p> <p>metagenome libraries constructed</p> <p>Description:</p> <p>the construction of at least 5 different metagenome libraries is completed...</p>

Table of Deliverables

Deliverable No. Month Deliverable Title + Description

D1.1	3	Title: Consortium Agreement Description: Contract: Consortium Agreement
D2.1	6	Title: soil samples delivered Description: soil samples from different habitats around the world will be collected and gathered at University XY...
D2.2	12	Title: metagenome libraries constructed Description: By using the different soil samples metagenome libraries will be constructed by University XY to be used by all project partners.

GANTT CHART

Name	Months	Duration	01	02	03	04	05	06	07	08	09	10	11	12	
Workpackage 1	01 - 03	3 M	Red												
Task 1.1	01 - 03	3 M	Green												
Milestone 1.1	03	1 M			Orange										
Deliverable 1.1	03	1 M			Blue										
Workpackage 2	02 - 12	11 M		Red											
Task 2.1	02 - 06	5 M		Green											
Task 2.2	04 - 12	9 M				Green									
Milestone 2.1	06	1 M						Orange							
Milestone 2.2	12	1 M											Orange		
Deliverable 2.1	06	1 M						Blue							
Deliverable 2.2	12	1 M											Blue		