



FP7 Food, Agriculture and Fisheries, and Biotechnology : Ausblick auf die 6. Ausschreibung

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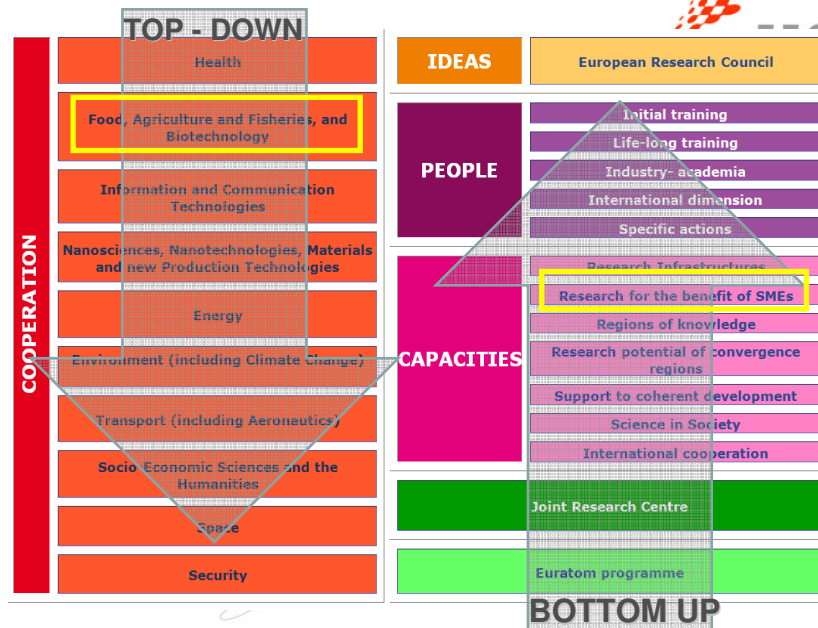
Nationale Kontaktstelle (NCP) für Lebensmittel, Landwirtschaft und Fischerei, und Biotechnologie

FFG Austrian Research Promotion Agency
European and International Programmes

16.06.2011, Wien



7. RP Struktur



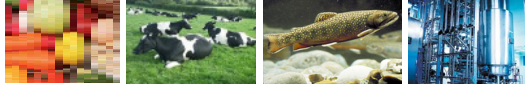
Struktur und Budget 7. RP



Spezifisches Programm: Kooperation



Category	Budget (Mrd €)
COOPERATION – Collaborative research Vordefinierte Themen und "Instrumente"	
1. Gesundheit	6,1
2. Lebensmittel, Landwirtschaft, Fischerei, und Biotechnologie	1,9
3. Informations und Kommunikationstechnologien	9,0
4. Nano, Werkstoffe und Produktionstechnologien	3,4
5. Energie	2,3
6. Umwelt (einschliesslich Klimawandel)	1,9
7. Verkehr (einschliesslich Luftfahrt)	4,1
8. Sozial-, Wirtschafts- und Geisteswissenschaften	0,6
9. Weltraum	1,4
10. Sicherheit	1,4

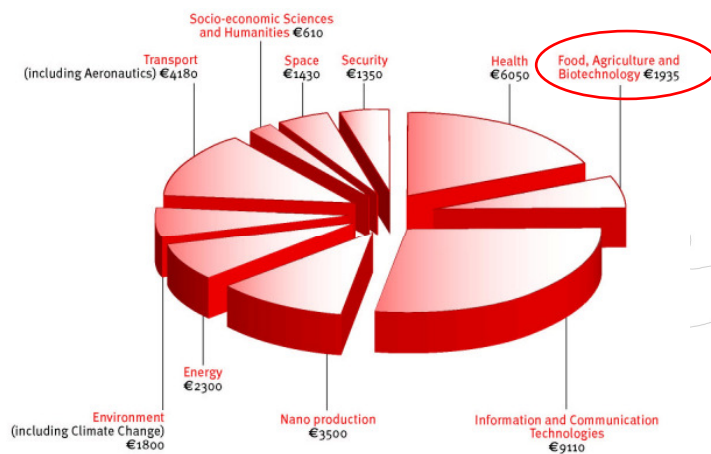


Food, Agriculture & Fisheries, and Biotechnology

Ziele:

- Aufbau einer europäischen, „wissensbasierten Bio-Ökonomie“ (**Knowledge-Based Bio-Economy** [KBBE])
- Zusammenwirken aller „Stakeholder“ :
Basis für neue, „öko-effiziente“, wettbewerbsfähige, bio-basierte Produkte
- Bewältigung **sozialer und ökonomischer Herausforderungen**:
 - Hochqualitative Lebensmittel und nachhaltige Lebensmittelproduktion
 - Ernährungsbedingte Krankheiten
 - Tierische Infektionskrankheiten und Zoonosen
 - Nachhaltige Landwirtschaft, Fischerei und Klimawandel
 - Saubere Biomaterialien aus erneuerbaren Bioressourcen

FP7 Cooperation



Total Budget Cooperation: 32.4 Mrd EUR

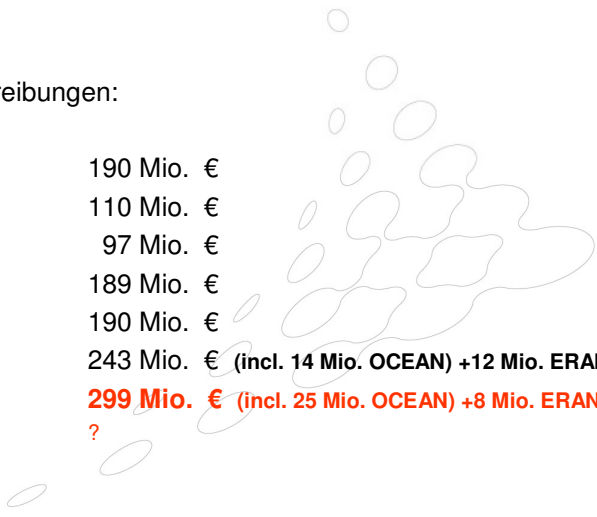


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BUDGET

Bisher 6 Ausschreibungen:

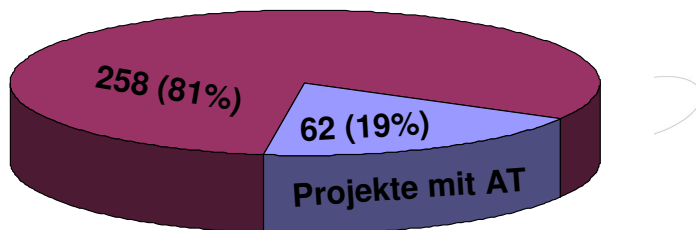
KBBE-2007-1	190 Mio. €
KBBE-2007-2A	110 Mio. €
KBBE-2008-2B	97 Mio. €
KBBE-2009-3	189 Mio. €
KBBE-2010-4	190 Mio. €
KBBE-2011-5	243 Mio. € (incl. 14 Mio. OCEAN) +12 Mio. ERANET
KBBE-2012-6	299 Mio. € (incl. 25 Mio. OCEAN) +8 Mio. ERANET
KBBE- 2013-7	?



Rückblick (2007-2010): Bewilligte Projekte in den Ausschreibungen bisher (Call 1-5)



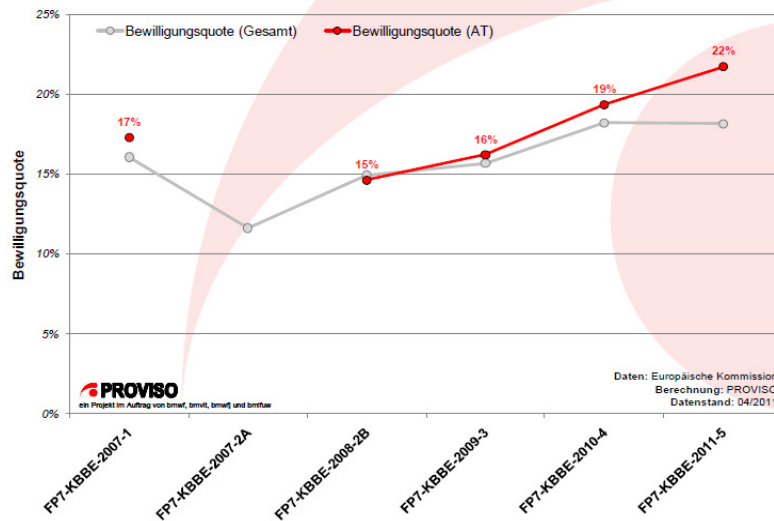
Bisher (Call 1-5) wurden europaweit 320 Projekte von 4283 Organisationen gefördert mit 1,03 Mrd €
 Davon gab es in 62 Projekten Partner aus AT, insgesamt 89 Organisationen (davon 8 AT Koordinatoren)



Datenstand 4/2011, Daten von Proviso

Durchschnittliche Erfolgsquote auf Projektebene: EU:16,2%, AT:19,1%

Abbildung 3: Bewilligungsquote auf Projektebene nach Ausschreibung



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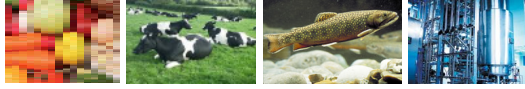
Call Identifier: FP7-KBBE-2012-6 einstufig

Call öffnet: 20. Juli 2011

Deadline: 15. November 2011

Budget: ~ 300 Mio €

Information: <http://rp7.ffg.at/fafb>



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Arbeitsprogramm 2012 – Ansatz und Hintergründe

- Sustainable primary production, mitigating and adapting to climate change
- Low Carbon and resource efficient industry
- Food security and safety for Europe and beyond
- Socially inclusive and healthy Europe
- „The Ocean of Tomorrow“

Innovation dimension



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Spezieller Fokus und Maßnahmen für:

KMU (Kleine und Mittlere Unternehmen) = SMEs

- Teilnahme erwünscht in allen Bereichen
- Spezielle Unterstützungsmaßnahmen
- 33 Spezielle Topics mit obligatorischer KMU Teilnahme → mindestens 10% - 35% und bei 2 Topics 75% der Förderung für die beteiligten KMU

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International cooperation:

Alle Topics sind für Drittstaaten offen

- Gezielte Themen mit obligatorischer/empfohlener Teilnahme bestimmter Drittstaaten

India: "biotechnological waste-water treatments and reuse in agronomical systems"

China: "partnering initiative on fibre crops"

Afrika, Mediterran PC: "conversion of bio-waste in developing countries"

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Activities

2.1 Sustainable production and management of biological resources from land, forest and aquatic environment 108

2.2. Fork to farm: Food (including seafood), health and well being 82

2.3. Life sciences, biotechnology and bio-chemistry for sustainable non-food products and processes 117

Areas

- Enabling research 15
- Increased sustainability of all production systems, plant health and crop protection 55,6
- Optimised animal health, production and welfare 20
- Socio-economic research and support to policies 17,5

- Consumers 3
- Nutrition 23
- Food Processing 26
- Food Quality and Safety 19
- Environmental Impacts and Food Chain 13

- Novel sources of biomass and bioproduct 22
- Marine and fresh-water biotechnology 32
- Industrial biotechnology 17
- Biorefinery 25
- Environmental biotechnology 24
- Emerging trends in biotechnology 2

Total Budget 2012 300 Mio €

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KBBE - Activity 2.1: Sustainable production and management of biological resources from land, forest and aquatic environments



Area 2.1.2 Increased sustainability of all production systems; plant health and crop protection



Topic KBBE.2012.1.2-03: Plant growth-promoting bio-effectors (microorganisms and active natural compounds) for alternative plant nutrition strategies in non-leguminous crops.

Soil is one of the most important ecosystems and a non-renewable natural resource. A vital soil provides numerous services to the welfare of society, and it is of fundamental importance for the production of food and feed. The need to increase agricultural production over the past sixty years resulted in the massive use of mineral fertilisers by farmer. Considering the current World population trend, the expected increase in feed and food demand, the limited availability of productive agricultural land, and with a view to reduce the farmers dependence on mineral fertilisers, alternative and viable plant nutrition strategies need to be found. By improving knowledge on plants and bio-effectors interactions and related physiological and chemical mechanisms, the project should enhance the field efficacy of most promising bio-effectors and develop more environmentally friendly practices for alternative plant nutrition strategies.

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Bio-effectors might contain living microorganisms and active natural compounds, such as soil- and non-soil - bacteria and fungi, microbial residues, plant extracts and exudates, compost extracts, products of biological turnover processes and others, as single ingredient or in mixed formulations. The project should include an adequate plan for field demonstration trials to test the efficacy of the new products in real production conditions and in different geographical situations. The economic viability of the proposed alternative plant nutrition strategies should also be assessed, including comparative cost benefit analysis between the new and the conventional approaches.

Funding scheme: Collaborative project (large-scale integrating project targeted to SMEs).

Additional eligibility criteria:

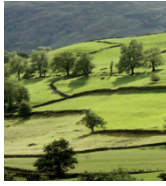
The requested European Union contribution shall not exceed EUR 6 000 000 per proposal.

SME-targeted Collaborative Projects will only be selected for funding on the condition that the estimated EU contribution going to SME(s) is 15 % or more of the total estimated EU contribution for the project as a whole. This will be assessed at the end of the negotiation, before signature of the grant agreement. Proposals not fulfilling this criterion will not be funded.

Additional information: One project may be funded.

Expected impact: The successful project will contribute to the ecological intensification of agriculture, by developing a viable alternative to mineral fertilisers, thus contributing to the reduction of the negative environmental impact of agricultural production. The project will also improve our understanding on the mechanisms underlying the observed positive effects of beneficial microorganisms and bio-effectors, and will facilitate their practical application by improving their efficacy at field level.

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Activity 2.1

Sustainable production and management of biological resources from land, forest and aquatic environment

27 Topics

seed testing, livestock farming, irrigation management, on-farm biodiversity, bio-effectors, vineyard management, forest products, aquaculture, fisheries management, animal health and reproduction, socio-economic research...

Beispiel Topics:

- *Precision technologies to improve irrigation management (CP, 6Mio, SME)*
- *Boosting the translation of FP projects' results into innovative applications (5CP, 1Mio, SME!)*

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Activity 2.2

Fork to farm: Food (including sea-food), health and well being

17 Topics

consumer, bioactive compounds, lifestyle, food waste, packaging, seafood, food safety, food allergies...

Beispiel Topics:

- *Exploitation of Framework Programme project results in food processing by SMEs (5CP, 1Mio, SME!)*
- *Microbially safe water for human consumption (CP, 9Mio, SME)*
- *Impact of lifestyle on well-being and diet-related disease (CP, 9Mio)*

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Activity 2.3

Life sciences, biotechnology and biochemistry for sustainable non-food products and processes

14 Topics

novel sources of biomass and bioproducts, standardization, bio-waste,
biopolymers, oil spill disasters, waste water, GMO risk assessments

Beispiel Topics:

- *Improved water stress tolerance of crop plants (CP, 9Mio, SME)*
- *Biotechnology for novel biopolymers (CP, 22Mio, SME)*
- *Biotechnological waste water treatments and reuse in agronomical systems (CP, 6Mio, SME) India*

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Projekttypen (1)



Verbundprojekte – Collaborative projects

– klassische Forschungsprojekte

Ziel: neues Wissen, neue Produkte

Forschung in unterschiedlich großen Konsortien – Größe abhängig vom
Bereich und Forschungsgegenstand

Small or medium-scale focused research project

- 1 to 4 Mio. €
- meist 3 - 4 Jahre Laufzeit

Large-scale integrating project

- 5 to 9 Mio. €
- meist 4 – 5 Jahre Laufzeit

Projekttypen (2)



Unterstützungs- und Koordinierungsmaßnahmen (CSA) **Coordination and Support Actions**

0,5 to 2 Mio. €

Kombination oder einzelne Durchführung von Konferenzen, Studien, Analysen, Personalaustausch, Verbreitung von Ergebnissen, Netzwerkbildung... – keine Forschung!

Coordinating Action

Supporting Action

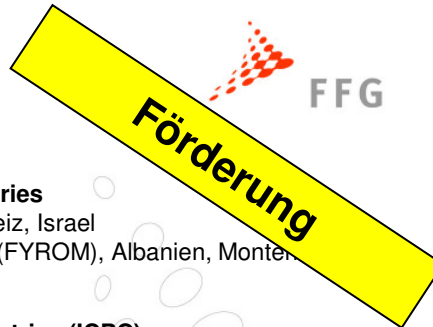
Wer kann teilnehmen?



**Teilnahme steht jeder Rechtsperson offen,
wenn Mindestteilnahmebedingungen erfüllt sind:**

- Mindestens drei Rechtspersonen (RP) aus drei verschiedenen Mitgliedstaaten (MS) oder assoziierten Staaten (AS)
- Unterstützungsmaßnahmen (SA): mind. 1 Rechtsperson
- Zusätzliche Anforderungen können in den Arbeitsprogrammen definiert werden, z. B. für SICA - Projekte (**S**pecific **I**nternational **C**ooperation **A**ctions)

Wer kann teilnehmen?



Mitgliedsstaaten – EU 27

Assoziierte Länder - Associated Countries

- Island, Liechtenstein, Norwegen, Schweiz, Israel
- Türkei, Kroatien, Serbien, Mazedonien (FYROM), Albanien, Montenegro, Bosnien-Herzegowina, Färöer Inseln

International Cooperation Partner Countries (ICPC)

- ACP Countries (African, Caribbean, Pacific)
- Asien (z.B. China, Indien, Iran...)
- EECA (Eastern Europe and Central Asia, z.B. Armenien, Georgien..)
- Lateinamerika
- MPC (Mediterranean Partner Countries, z.B. Ägypten, Algerien..)
- WBC (Western Balkan Countries => Kosovo)

Andere Third Countries: USA, Canada, Japan, etc.

Förderraten



Maximum reimbursement rates of eligible costs	Research & Technological Development	Demonstration Activities	Training Activities	Management of consortium	Other Activities
<ul style="list-style-type: none"> • University • Public Body • Secondary & higher education establishments • Research organisations (non-profit) 	75 %	50 %	100 %	100 %	100 %
<ul style="list-style-type: none"> • Small and Medium Enterprises (SMEs) 	75 %	50 %	100 %	100 %	100 %
<ul style="list-style-type: none"> • Industry • Research Organisations (profit-making) 	50 %	50 %	100 %	100 %	100 %

Projektantrag - Übersicht



- **Ausarbeitung des Projektantrages**
 - « Guide for Applicants»
 - Part A (Formulare)
 - Part B (Text)
 - Beschreibung des Projektes – ca. 80 Seiten
 - 1. Scientific and/or technical quality, relevant to the topics addressed by the call
 - 2. Implementation
 - 3. Impact
- **Einreichung des Antrages**
 - Online, via EPSS – Electronic Proposal Submission Service:
<https://www.epss-fp7.org/epss/>

Die Evaluierungskriterien



3 Hauptkriterien:

1. **Wissenschaftliche/ technische Qualität**
2. **Implementierung**
3. **Auswirkung – Impact**

Für jedes Kriterium 0 bis 5 Punkte, halbe Punkte möglich

Threshold für jedes Kriterium = 3/5

Gesamt - Threshold = 10/15

Registrierung als Experte: <https://cordis.europa.eu/emmfp7/>

FFG Service

Europäische und Internationale Programme



FFG Akademie



kostenlose 2-tägige Trainings

- Das EU-Rahmenprogramm für F&E für Newcomer
- Projektentwicklung und Antragstellung im 7.RP
- Management von Projekten des 7. RP

Termine Antragsstellertraining – Zielgruppe KoordinatorInnen!

- 25./26.7. Projektentwicklung und Antragsstellung im 7. RP
- 12./13.9. Projektentwicklung und Antragsstellung im 7. RP
- 10./11.10. Management von Projekten im 7. RP

Infos und Anmeldung: http://rp7.ffg.at/ffg_eip_akademie

Partner gesucht?



Network of National Contact Points

BIO-NET

„A Network of National Contact Points providing cutting-edge NCP services to the Knowledge-Based-Bio-Economy research community”

23 Partners + 32 “associated organisations”
alle BIO-NCPs in EU member states, candidate countries and FP-associated countries

Trainings for researchers and SMEs,
Brokerage Events, Partner Search, ...

www.ncp-bio.net



Das KBBE Team in der FFG



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KonsulentInnen zu Ihrer Unterstützung



Trainingsprogramm für KonsulentInnen im 7. RP



- Start im Februar 2008
- Jährliche Trainings und Fachzirkel



http://rp7.ffg.at/rp7_KonsulentInnen



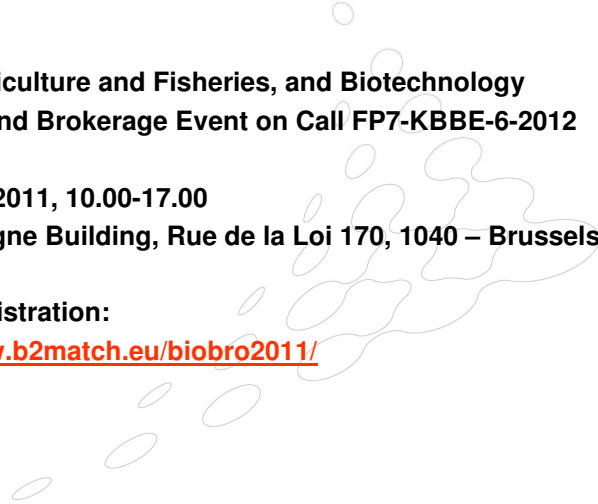
EINLADUNG

**Food, Agriculture and Fisheries, and Biotechnology
Info Day and Brokerage Event on Call FP7-KBBE-6-2012**

**15th July 2011, 10.00-17.00
Charlemagne Building, Rue de la Loi 170, 1040 – Brussels**

online registration:

<http://www.b2match.eu/biobro2011/>



**FORSCHUNG
WIRKT.**

>> www.ffg.at

