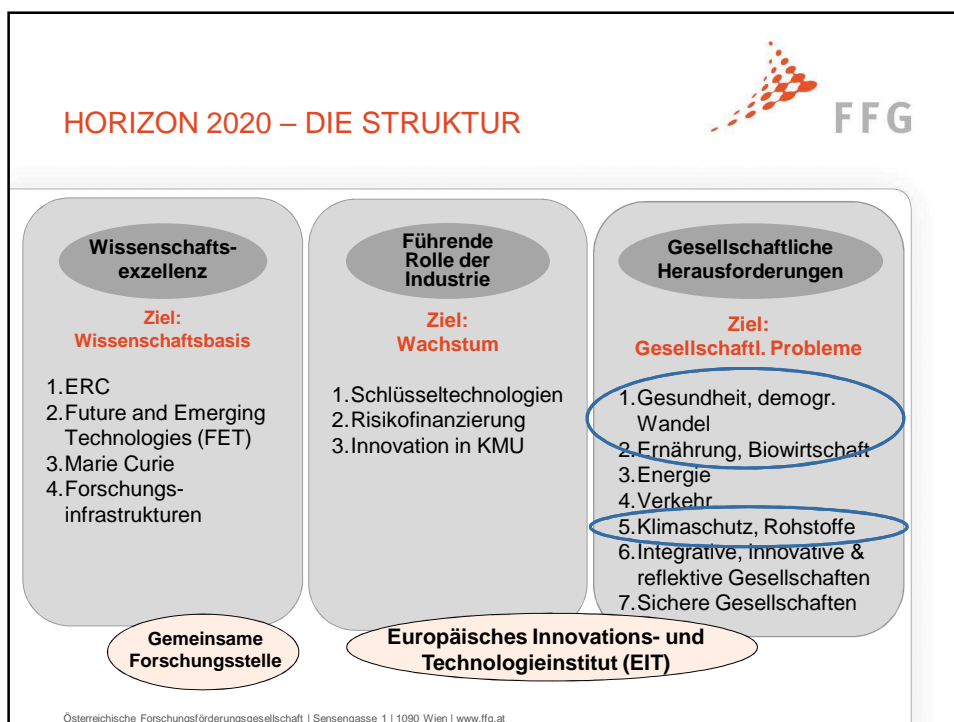


SC1 „Gesundheit, demographischer Wandel und Wohlergehen“

SC2 „Ernährungssicherheit, nachhaltige Land- und Forstwirtschaft, marine, maritime und Süßwasser- Forschung und die Biowirtschaft“

SC5 „Klimaschutz, Umwelt, Ressourceneffizienz und Rohstoffe“

Nicole Firnberg, 23. Januar 2014, Innsbruck



STRATEGIC PROGRAMMING – 12 FOCUS AREAS



1. **Personalising health and care → SC1**
2. **Sustainable food security → SC2**
3. **Blue growth: unlocking the potential of the oceans → SC2**
4. Smart cities and communities → SC3
5. Competitive low-carbon energy → SC3
6. Energy Efficiency → SC3
7. Mobility for growth → SC4
8. **Waste: a resource to recycle, reuse & recover raw materials → SC5**
9. **Water innovation: boosting its value for Europe → SC5**
10. Overcoming the crisis: new ideas, strategies and governance structures for Europe → SC6
11. Disaster-resilience: safeguarding and securing society, including adapting to climate change → SC7
12. Digital security → SC7

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2

HORIZON 2020 – DIE STRUKTUR



Wissenschafts- exzellenz

Ziel:
Wissenschaftsbasis

1. ERC
2. Future and Emerging Technologies (FET)
3. Marie Curie
4. Forschungsinfrastrukturen

Gemeinsame
Forschungsstelle

Führende Rolle der Industrie

Ziel:
Wachstum

1. Schlüsseltechnologien
2. Risikofinanzierung
3. Innovation in KMU

Europäisches Innovations- und
Technologieinstitut (EIT)

Gesellschaftliche Herausforderungen

Ziel:
Gesellschaftl. Probleme

1. Gesundheit, demogr. Wandel
2. Ernährung, Biowirtschaft
3. Energie
4. Verkehr
5. Klimaschutz, Rohstoffe
6. Integrative, innovative & reflektive Gesellschaften
7. Sichere Gesellschaften

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SÄULE 3: GESELLSCHAFTLICHE HERAUSFORDERUNGEN



- **Anliegen der Bürger und der Gesellschaft**
- **„Challenge-based approach“** – breitere Themen; kein Vorschreiben spezifischer Technologien; mehr Freiheit, innovative Lösungen und Projekte einzureichen
- **interdisziplinäre Zusammenarbeit**, z.B. unter Einschluss der Geistes- und Sozialwissenschaften
- **Starker Fokus auf Impact**

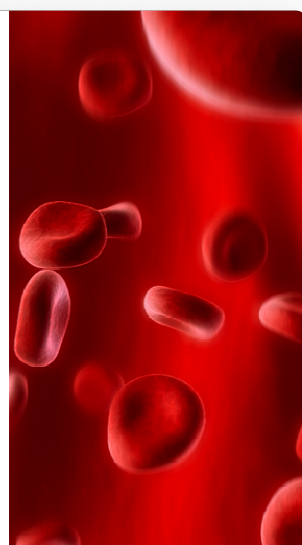


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4

SOCIETAL CHALLENGE 1 (SC 1):

HEALTH, DEMOGRAPHIC CHANGE AND WELLBEING



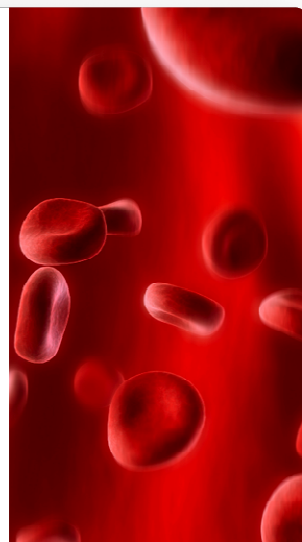
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5

ZENTRALE VERÄNDERUNGEN IM VERGLEICH ZUM 7. RP



- Budgetsteigerung (6,1 => 7,4 Mrd €)
- ICT for Ageing/ICT for Health integriert => AAL 2 von Challenge finanziert
- weniger und breitere Topics (15 F&E Topics für 2014 vorgesehen) und keine klassische Aufteilung mehr nach Krankheitsfeldern => *Chance und Herausforderung zugleich!*
- neue Instrumente, z.B. Preise
- ein- und zweistufige Ausschreibungen



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6

AUSSCHREIBUNG 2014/15



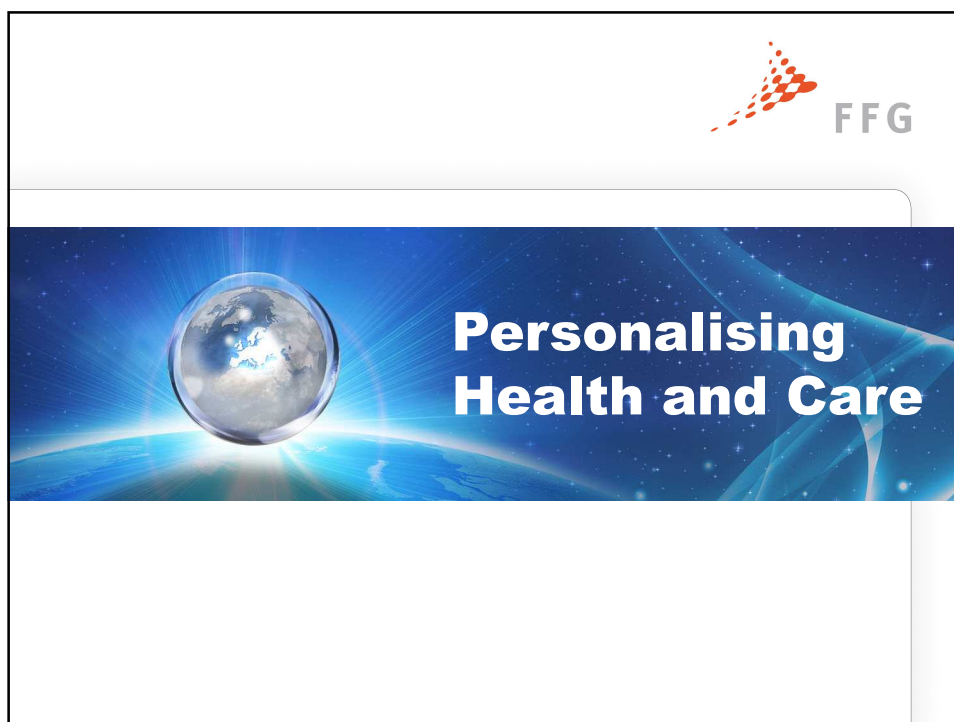
Call 'personalising health and care'

34 topics (15 in 2014, 17 in 2015, + 2 open in both years)

Call for 'co-ordination activities'

15 topics (10 in 2014, 5 in 2015)

€ 1,21
billion
2014/2015



INHALT PHC CALL

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**„Personalising Health and Care“
(= PHC)**


- personalized diagnostics, drugs and other interventions
- empowering citizens to be active and engaged in managing their health and wellbeing
- improving health and care delivery

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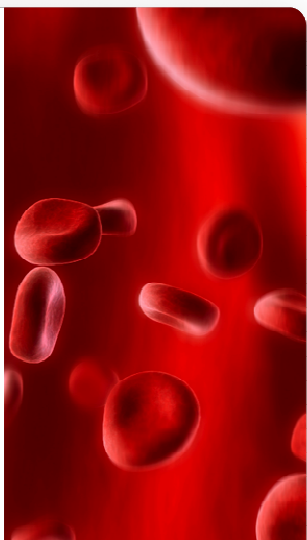
9

A vertical rectangular image on the right side of the slide shows a microscopic view of several red blood cells. The cells are bright red and have a biconcave disc shape, set against a dark red background.

STRUKTUR CHALLENGE, CALL


FFG

7 areas in WP 2014/2015




1. Understanding health, ageing and disease
2. Effective health promotion, disease prevention, preparedness and screening
3. Improving diagnosis
4. Innovative treatments and technologies
5. Advancing active and healthy ageing
6. Integrated, sustainable, citizen-centred care
7. Improving health information, data exploitation and providing an evidence base for health policies and regulation

=> 34 F&E Topics WP 2014/2015

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10

INHALTE CALL - TOPICBEISPIEL PERSONALISING HEALTH AND CARE (PHC)


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PHC 3 - 2015: Understanding common mechanisms of diseases and their relevance in co-morbidities

Specific challenge: The development of new treatments will rely heavily on an improved understanding of the pathophysiology of diseases. There is therefore a need to address the current knowledge gaps in disease aetiology in order to support innovation in the development of evidence-based treatments. In this context, a better understanding of the mechanisms that are common to several diseases, in particular of those leading to co-morbidities, constitutes an important challenge.

Scope: Proposals should focus on the integration of pre-clinical and clinical studies for the identification of mechanisms common to several diseases. Proposals should assess and validate the relevance of these common mechanisms and of their biomarkers (where relevant) on the development of disease-specific pathophysiology, as well as their role in the development of co-morbidities in both males and females.

The Commission considers that proposals requesting a contribution from the EU of between EUR 4 and 6 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected impact: This will provide:

- A better understanding of disease pathways and / or mechanisms common to a number of diseases
- New directions for clinical research for better disease prevention, health promotion, therapy development, and the management of co-morbidities

Type of action: Research and Innovation actions

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PROJEKTTYPEN - INSTRUMENTE



- **Research and Innovation Action** – mind. 3 Partner, 100% Förderung
- **Innovation Action** – mind. 3 Partner, 70% Förderung (Ausnahme: Unis etc. 100%)
- **Coordination/Support Actions** – mind. 1 Partner, 100%
- **SME Instrument** => 1 KMU => Unis nur als Subcontractor! – Phase 1 (lump sum) and Phase 2
- **Cofund**: Pre-commercial public procurement, Public Procurement for innovation, ERA-NET
- **Inducement Prizes**

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12

INHALTE CALL PERSONALISING HEALTH AND CARE (PHC)



Area 1: Understanding health, ageing & disease

=> “Unravelling health and disease”

- Determinants, risk factors and pathways of diseases (2014)
- Determinants and pathways of healthy and active ageing (2014)
- Systems medicine approaches (2015)
- Common mechanisms of diseases and potential co-morbidities (2015)

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INHALTE CALL
PERSONALISING HEALTH AND CARE (PHC)



Area 2: Effective health promotion, disease prevention, preparedness and screening

=> "From "omics" ... to prevention"

- Inter-sector cooperation for environment- and health-based interventions (2015)
- Translating -omics into prevention and health promotion (2014)
- Evaluating existing screening and prevention programmes (2014)
- Control of infectious epidemics through rapid pathogen identification (2014)
- Vaccine platforms for TB (2014) and HIV (2015)

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INHALTE CALL
PERSONALISING HEALTH AND CARE (PHC)



Area 3: Improving diagnosis

=> "In biomarkers we trust ... and in novel diagnostic tools"

- In vitro devices, assays and platforms (2014)
- In vivo medical imaging technologies (2015)
- **Clinical validation of biomarkers (2014, 2015) – KMU Instrument! (=> Unis nur als Subcontractor)**

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INHALTE CALL
PERSONALISING HEALTH AND CARE (PHC)



Area 4: Innovative treatments and technologies

**=> “Finding the cure ...
 and evaluating existing treatments”**

- Therapies for non-communicable diseases (2014) and rare diseases (2015)
- Tools and technologies for advanced therapies (2015)
- Clinical research on regenerative medicine (2014)
- Comparing and establishing effectiveness of health interventions in the elderly (2014) and children (2015)

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INHALTE CALL
PERSONALISING HEALTH AND CARE (PHC)



Area 5: Advancing active and healthy ageing

=> “Adding more life to our years”

- Service robotics within assisted living environments (2014)
- Pilot projects on independent living with cognitive impairments (2014)
- Early risk detection and intervention (2015)
- Promoting mental wellbeing in the ageing population (2015)

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INHALTE CALL
PERSONALISING HEALTH AND CARE (PHC)



Area 6: Integrated, sustainable, citizen-centred care

=> “The citizen in the centre”

- New models for prevention oriented health and care systems (2014)
- Piloting personalised medicine in health and care systems (2015)
- Self-management of health and disease:
 - citizen engagement and mHealth for disease management (2014),
 - patient empowerment supported by ICT (2015)
 - based on predictive computer modelling (2015)

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INHALTE CALL
PERSONALISING HEALTH AND CARE (PHC)



Area 6: Integrated, sustainable, citizen-centred care

=> “The citizen in the centre (2)”

- Public procurement of innovative eHealth services (2015)
- ICT systems for integrated care (2015)
- eHealth sectorial inducement prize (2015)

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INHALTE CALL
PERSONALISING HEALTH AND CARE (PHC)




Area 7: Improving health information, data exploitation and providing an evidence base for health policies and regulation

=> “Big Data for research”

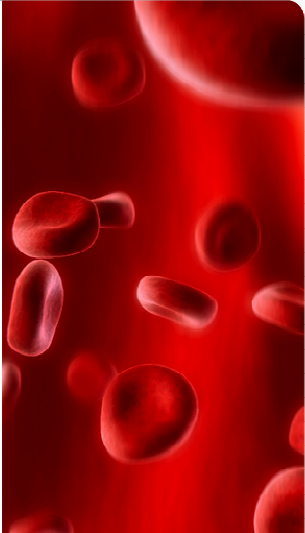
- Digital representation of health data to improve diagnosis and treatment (2015)
- Foresight for health policy development and regulation (2014)
- Advancing bioinformatics for clinical needs (2014)
- Improve predictive human safety testing (2015)
- eHealth interoperability (2014)

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CALL COORDINATION ACTIVITIES 

- Teilnahme der EK an „Global Alliance for Chronic Diseases“ (=> Budget für Forschungsprojekte)
- Unterstützung für ERANETs etc.

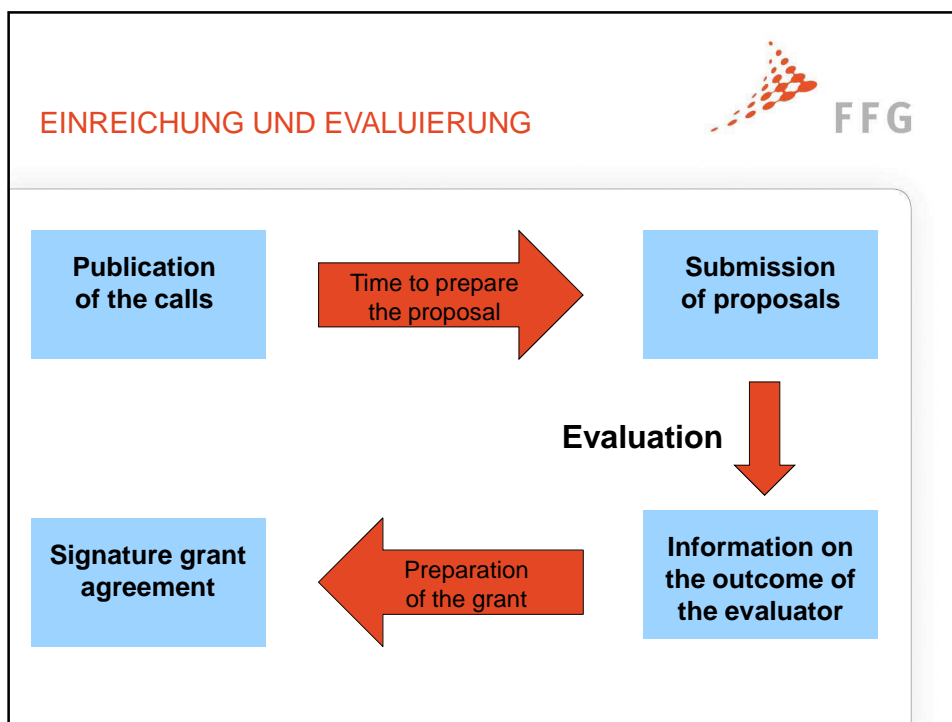


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BETEILIGUNGSREGELN – AUSNAHMEN HEALTH 

- zusätzliche Teilnahmebedingungen laut Work Programme / Work Plan möglich => **Partner aus USA Beteiligung/Förderung im Health Programm!**
- **KMU Instrument: bis zu 100% Förderung in Health angestrebt**
- **Spezielle Regeln für Abrechnung von klinischen Studien – in Ausarbeitung!**

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PARTICIPANT PORTAL: ONE-STOP SHOP



<http://ec.europa.eu/research/participants/portal>

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EINREICHUNG UND EVALUIERUNG



European Commission

Proposal structure

Based around evaluation criteria:

- Excellence
 - Eg. Objectives, concept, progress beyond state-of-art..
- Impact
 - Eg. Potential impact (*incl. with reference to WP*); measures to maximise impact (*dissemination, communication, exploitation*)
- Implementation
 - Including **work packages descriptions**

39

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EINREICHUNG UND EVALUIERUNG


stage 1: max 7 pages - stage 2: max 70 pages

special form for Clinical Trials (no page limits):

- in stage-1 proposals, information on clinical trials/studies/investigations cannot be uploaded as a separate template, but must be included in the core part of the proposal
- **Study design and endpoints; Scientific advice / protocol assistance / communication with regulatory /competent authorities / ethics committees**
- **Subjects/population(s)** - Definition of study population(s) by inclusion and exclusion criteria. Definition of sub-populations
- **Sample size; Statistical methods; Conduct** - Description of planned strategy for study management, monitoring, data management and planned schedule for study conduct
- **Orphan designation** - current status.
- **For information: 'unit costs per patient' for clinical trials / studies / investigations** - The cost related to clinical studies must be declared, and therefore estimated, on the basis of actual costs. However, the Commission may allow other methods concerning the declaration of costs (e.g.unit costs).

27

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EINREICHUNG UND EVALUIERUNG

stage 1: threshold is 4, 4; overall threshold = 8.
stage 2: threshold is 4, 4, 3; overall threshold = 12.

1. Excellence (max 5)

- Clarity and pertinence of the objectives
- Credibility of the proposed approach
- Soundness of the concept, including trans-disciplinary considerations
- how ambitious? innovation potential? is it beyond the state of the art?

2. Impact (max 5)


- expected impacts listed in WP under the relevant topic;
- Enhancing innovation capacity and integration of new knowledge
- Strengthening the competitiveness and growth by developing innovations meeting the needs of European markets
- other environmental and socially important impacts
- Effectiveness of proposed measures to exploit and disseminate project results, to communicate the project, and to manage research data

3. Quality and efficiency of the implementation* (max 5; stage 2 relevant)

- Coherence and effectiveness of the work plan; appropriateness of the allocation of tasks and resources;
- Complementarity of the participants within the consortium
- Appropriateness of the management structures and procedures, including risk and innovation management

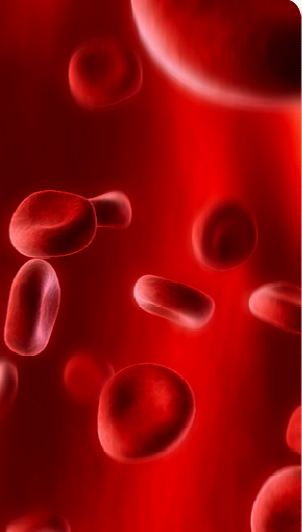
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28


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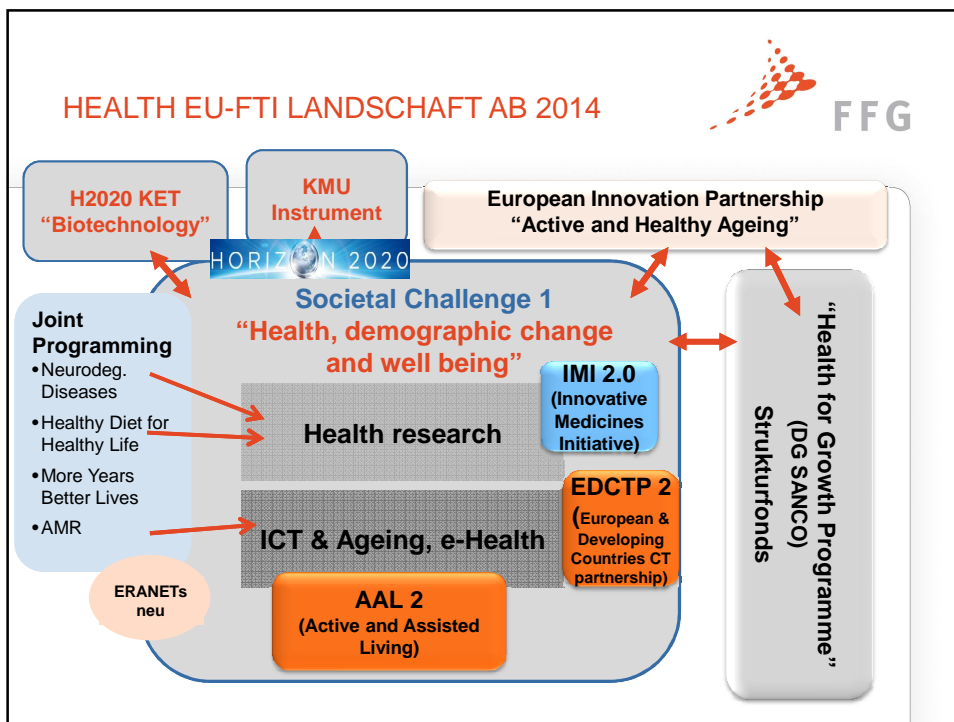
TERMINE UND DEADLINES

- **Call-Veröffentlichung: 11. Dezember 2013**
- **Vor-Veröffentlichung:** 20. November 2013
- **Deadlines Call 2014:**
 - 11. März: 1. Stufe two-stage
 - 15. April: single-stage
 - 19. August: 2. Stufe two-stage
- **Deadlines Call 2015:**
 - Two stage: 1. Stufe **14. Oktober 2014**, 2. Stufe 24. Februar 2015
 - Single Stage: 21. April 2015
- **SME Instrument: laufende Cut-Off Dates!**



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29



PARTNERSUCHMÖGLICHKEITEN



FitforHealth Datenbank
<http://www.fitforhealth.eu/>

HealthCompetence
<http://www.healthcompetence.eu/converis/publicweb/Area/1353.jsessionid=5f66914f23a81507a936876207f4>

Cordis Projekt und Partnersuchfunktion
<https://cordis.europa.eu/partners/web/guest/home>

neu Opportunity Finder:
<http://www.opportunity-finder.com/auth/login?targetUri=%2F>

IKT: IDEAL-IST
<http://www.ideal-ist.eu>



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32

Fit for Health 2.0
 Support to SMEs & Researchers in FP7 and Horizon 2020 health-oriented projects



High-quality targeted assistance through the entire innovation pipeline of the Health sector

A network of National Contact Points, Enterprise Europe Network members and trainers on innovation, technology transfer, financing and IPR assist you free of charge!

www.fitforhealth.eu



Fit for Health is funded by the European Commission





BERATUNG UND KONTAKT



- **Challenge 1:**
 - Dr. Astrid Hoebertz (Nationale Kontaktstelle) und Nicole Firnberg
- **KMU Instrument:**
 - Dr. Ines Haberl (Nationale Kontaktstelle)
- FFG Webseite: <https://www.ffg.at/Europa/>
- Ausschreibung Gesundheit: https://www.ffg.at/ausschreibungen/horizon2020_health
- Partnersuche: www.fitforhealth.eu

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HORIZON 2020 – DIE STRUKTUR



Wissenschafts- exzellenz	Führende Rolle der Industrie	Gesellschaftliche Herausforderungen
Ziel: Wissenschaftsbasis	Ziel: Wachstum	Ziel: Gesellschaftl. Probleme
1. ERC 2. Future and Emerging Technologies (FET) 3. Marie Curie 4. Forschungsinfrastrukturen	1. Schlüsseltechnologien 2. Risikofinanzierung 3. Innovation in KMU	1. Gesundheit, demogr. Wandel 2. Ernährung, Biowirtschaft 3. Energie 4. Verkehr 5. Klimaschutz, Rohstoffe 6. Integrative, innovative & reflektive Gesellschaften 7. Sichere Gesellschaften
Gemeinsame Forschungsstelle	Europäisches Innovations- und Technologieinstitut (EIT)	

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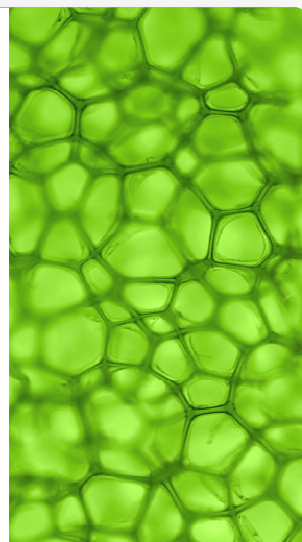
INHALT – STRUKTUR CHALLENGE



2 Fokus Areas + ISIB:

1. Focus Area “Sustainable Food Security” (SFS)
2. Focus Area “Blue Growth: Unlocking the potential of the Oceans” (BG)
3. Innovative, Sustainable and Inclusive Bioeconomy (ISIB)

=> ca. 48 Topics in WP 2014/2015
(aber mit “Subtopics” A, B, C.. → 67 T.)



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36

INHALT – FOCUS AREA



Focus Area WP 2014/2015: „Sustainable Food Security“

- Sustainable food production systems
- Safe food, healthy diets and sustainable consumption
- Global drivers of food security

20 Topics, davon 15 in 2014



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37

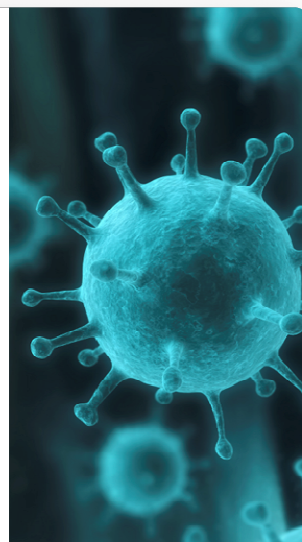
INHALT – FOCUS AREA



Focus Area WP 2014/2015:

„Blue Growth“

- wide and complex ocean challenges which are cross-cutting in nature ("The Ocean of Tomorrow" legacy):
 - Sustainably exploiting the diversity of marine life
 - New offshore challenges
 - Ocean observation technologies/systems
 - Horizontal aspects, socio-economic sciences, innovation, engagement with society and ocean governance across the blue growth focus area
- Links across SC2, SC5, SC4, SC3 and other pillars of H2020
- 16 Topics davon 12 in 2014



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38

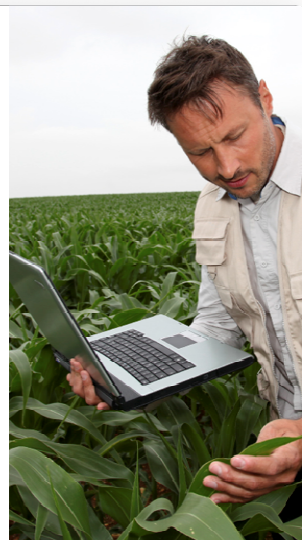
INHALT – CHALLENGE



Innovative, Sustainable and Inclusive Bioeconomy (ISIB)

- Agriculture and forestry management processes providing public goods and innovative products for sustainable growth
- Innovation, incl. social innovation in rural areas for inclusive growth
- Far reaching innovative activities on bio-based industries (complementary to JTI), and in support of bio-based markets for smart growth

12 Topics davon 9 in 2014



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39

BUDGET CHALLENGE und call



Budget Gesamt: ~ 3,85 Mrd EUR (=5%)

- davon ~ 0,85 Mrd € für BBI JTI
- => 2,5-3 Mrd € für Ch2 Ausschreibungen
- Budget WP 2014: ~ 260 Mio € (36 Topic)
- Budget WP 2015: 201 Mio € (22 Topic)
- (Vgl. letzter Call FP7: 341 Mio €!!)



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40

Zentrale Veränderungen




- starke Kooperation mit DG AGRI
- etwas weniger und breitere Topics (41 Themen für 2014 vorgesehen)
- keine klassische Aufteilung mehr nach „Activities“
- 2 KMU-Instrumente
- neu: Inducement prize
- 2-stufiges Einreichverfahren für RIA & IA
- 1-stufiges Einreichverfahren für CSA und ERA-NET Cofund

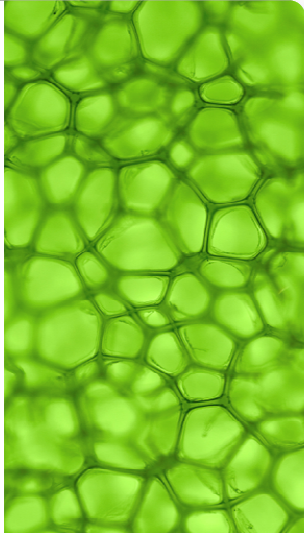


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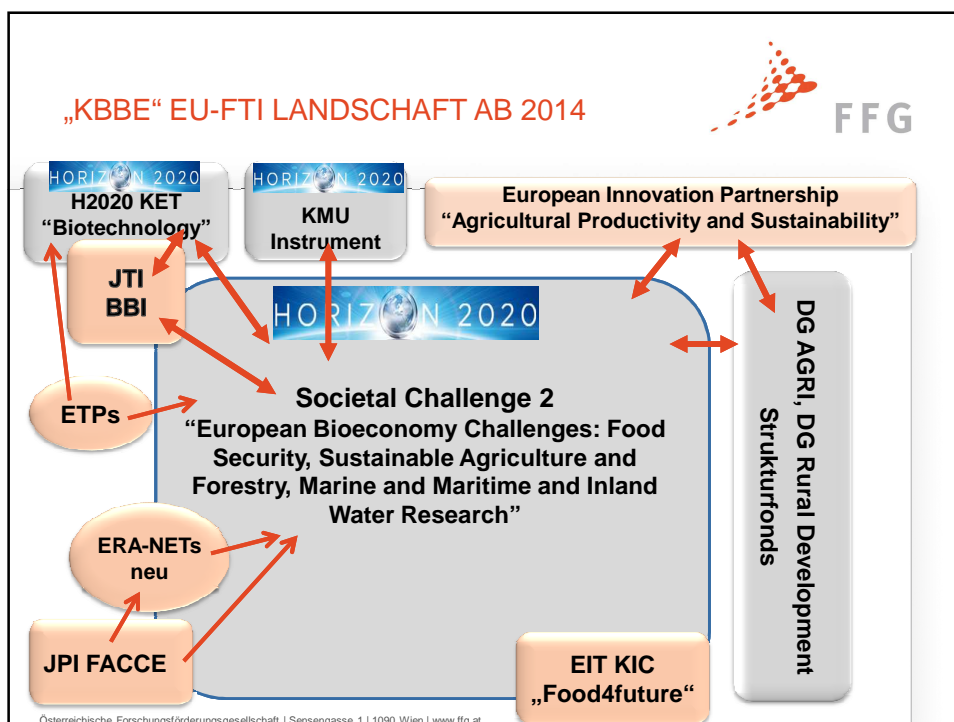
41

TERMINE und DEADLINES - KBBE 

- Call-Veröffentlichung: 11. Dez. 2013
- **Voraussichtliche** Deadlines Call **2014**:
 - 12. März 2014: 1. Stufe two-stage
 - 26. Juni 2014: single-stage und
2. Stufe two-stage
- **Voraussichtliche** Deadlines Call **2015**:
 - 24. Febr. 2015: 1. Stufe two-stage
 - 11. Juni 2015: single-stage und
2. Stufe two-stage



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PUBLIC-PRIVATE-PARTNERSHIPS (PPPs)
 Joint Technology Initiative Bio-based
 Industries (BBI JTI)



- **Partnerschaft** zwischen der **Europäischer Kommission** und dem Bio-based Industries Consortium (BIC) > 50 Organisations
- **AT Partner:** Mondi AG, Uni Graz, Wood K plus
- **offen** für alle interessierte Organisation
- **Sectors:** agriculture, forest-based industries, sugar and starch, paper and pulp, oleochemicals, chemicals and biochemicals, enzymes, biofuels, brand owners and end users
- **Budget** für 7 Jahre: 3,8 Mrd € (2,8 Industrie, ~1 EC)
- Erster Call öffnet voraussichtlich in Sommer 2014
- Projektbeteiligung für jedes Konsortium offen
- www.biconsortium.eu

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PUBLIC-PUBLIC-PARTNERSHIPS (P2Ps)
 Zur Zeit offene ERA-NET Ausschreibungen KBBE



CORE Organic II

- Call offen seit Dezember 2013,
- Call Budget >11 Mio Euro (AT: 221000 €)
- Einreichfrist: 25 Februar 2014, 13.00 Uhr.
- Unterlagen: <http://www.coreorganic.org/Pages/Calls/Calls.html>
- Forschungsschwerpunkte:
 - Livestock health management system including breeding

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EIP "Agricultural Productivity and Sustainability" FFG

Ziel: innovative Projekte bei der Umsetzung in die Praxis zu unterstützen

1. Förderung des landwirtschaftlichen Sektors zur Steigerung der Produktivität und Effizienz (unter Umkehrung der jüngsten Verlangsamung des Produktivitätszuwachses bis 2020)
2. Förderung der nachhaltigen Entwicklung der Landwirtschaft


“The **multi-actor approach** aims at more demand-driven innovation through the genuine and sufficient involvement of various actors (end-users such as farmers/farmers' groups, fishers/fisher's groups, advisors, enterprises, etc.) all along the project..”



EIP "Agricultural Productivity and Sustainability" FFG

“multi-actor” Topics in H2020

- SFS-1-2014/2015: Sustainable **terrestrial livestock** production
- SFS-2-2014/2015: Sustainable **crop production**
- SFS-3-2014: Practical solutions for native and alien **pests affecting plants**
- SFS-7-2014/2015: Genetic resources and **agricultural diversity for food security**, productivity and resilience
- SFS-20-2015: Sustainable food chains through **public policies**
- ISIB-2-2014/2015: Closing the research and innovation divide: the crucial role of **innovation support services** and knowledge exchange


FFG


EIP "Agricultural Productivity and Sustainability"

FOKUSGRUPPEN in EIP Agri

- http://ec.europa.eu/agriculture/eip/focus-groups/index_en.htm
- **Themen der Fokusgruppen:**
 - **Organic farming (optimizing arable yields)** - Alfred Grand (VERMIGRAND)
 - **Protein crops** - Johann Vollmann (BOKU, Abteilung Pflanzenzüchtung)
 - **Animal husbandry (reduction of anti-biotic use in the pig sector)** - Isabel Hennig-Pauka (VETMED)
 - **Genetic resources** - Beate Koller (Arche Noah)
 - **Organic matter content of soils**
 - **Integrated pest management (IPM)**

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48



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HORIZON 2020 – DIE STRUKTUR

<p>Wissenschafts- exzellenz</p> <p>Ziel: Wissenschaftsbasis</p> <ol style="list-style-type: none"> 1. ERC 2. Future and Emerging Technologies (FET) 3. Marie Curie 4. Forschungs- infrastrukturen <p style="text-align: center; border: 1px solid black; border-radius: 50%; padding: 2px;">Gemeinsame Forschungsstelle</p>	<p>Führende Rolle der Industrie</p> <p>Ziel: Wachstum</p> <ol style="list-style-type: none"> 1. Schlüsseltechnologien 2. Risikofinanzierung 3. Innovation in KMU <p style="text-align: center; border: 1px solid black; border-radius: 50%; padding: 2px;">Europäisches Innovations- und Technologieinstitut (EIT)</p>	<p>Gesellschaftliche Herausforderungen</p> <p>Ziel: Gesellschaftl. Probleme</p> <ol style="list-style-type: none"> 1. Gesundheit, demogr. Wandel 2. Ernährung, Biowirtschaft 3. Energie 4. Verkehr 5. Klimaschutz, Rohstoffe 6. Integrative, innovative & reflektive Gesellschaften 7. Sichere Gesellschaften
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KET Biotechnology


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- Teil der Key Enabling Technologies (KET)
- Budget 2014:~52 Mio €, 2015:~32 Mio €
- **Voraussichtliche Deadlines Call 2014:**
 - **12. März** 2014: 1. Stufe two-stage
 - **26. Juni** 2014: 2. Stufe two-stage
- Themen:
 - Cutting-edge biotechnologies as future innovation drivers
 - Biotechnology-based industrial processes driving competitiveness and sustainability
 - Innovative and competitive platform technologies
- 4 Topics 2014, 3 Topics 2015
- 1 SME Topic: boosting biotechnology-based industrial processes

Führende Rolle der Industrie

Ziel:
Wachstum

1. Schlüsseltechnologien
2. Risikofinanzierung
3. Innovation in KMU

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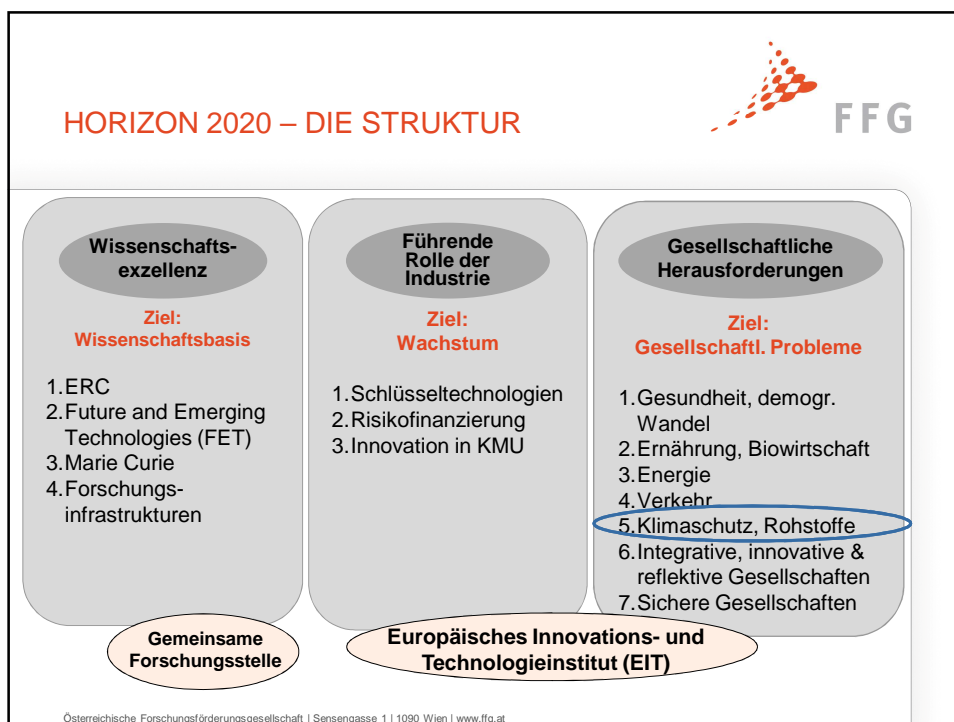
BERATUNG UND KONTAKT


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- **Challenge 2:**

DI Dr. Rita Litauszky
 @ rita.litauszky@ffg.at
 ☎ 05 7755 4106
- FFG Webseite:
 - <https://www.ffg.at/Europa/>
 - <https://www.ffg.at/ern-hrungssicherheit-nachhaltige-land-und-forstwirtschaft-maritime-und-s-wasser-forschung-und>
- **Calls sind veröffentlicht!**
<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020>

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Zentrale Veränderungen


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- **Ökoinnovation** aus dem CIP Programm wird integriert
 - *derzeit kein besondere Fokus darauf, außer das SME Instrument!*
- **NEU: Raw Materials Bereich**
- **Umwelt & Gesundheit:** Jetzt in SC1 !
- weniger und **breitere Topics** => *Chance und Herausforderung zugleich!*
- Verwendung **neuer Instrumente** (PCP, Innov. Actions, Fast-Track to Innovation, SME Instrum., Prize, ERANETs)
- Komplizierter mix von 1- & 2-Stage Verfahren



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BUDGET CHALLENGE und calls

H2020 Budget 5. Challenge: ca. € 3,1 Mrd
3 Calls im WP 2014/2015:

- **Focus Area “Waste” € 131 Mio**, davon:
 - € 73 Mio in 2014 & € 58 Mio in 2015
- **Focus Area “Water” € 163 Mio**, davon:
 - € 67 Mio in 2014 & € 96 Mio in 2015
- **Challenge 5 Topics € 355 Mio**, davon:
 - € 166 Mio in 2014 & € 189 Mio in 2015

- Beitrag zu anderen Focus Areas: € 89 Mio
- Andere Aktivitäten (keine Calls): € 11,5 Mio



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54


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FOCUS AREAs „WASTE“

Call WASTE-2014/2015:
“Waste: A resource to recycle , reuse and recover raw materials”


- circular economy
- system approach to reduce, recycle, reuse
- recycling raw materials
- towards near-zero waste at EU and global level
- eco-innovative waste management



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FOCUS AREA „Water“



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Call WATER-2014/2015:
“Water Innovation: Boosting its value for Europe”

- bridging the gap to market replication
- integrated approaches to water and climate change
- stepping up EU R&I cooperation
- harnessing EU water R&I results
- strengthening international R&I cooperation



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56

Main Call CHALLENGE 5



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Call H2020-SC5-2014/2015:
“Growing a low carbon, resource efficient economy with a sustainable supply of raw materials”

6 areas in WP 2014/2015

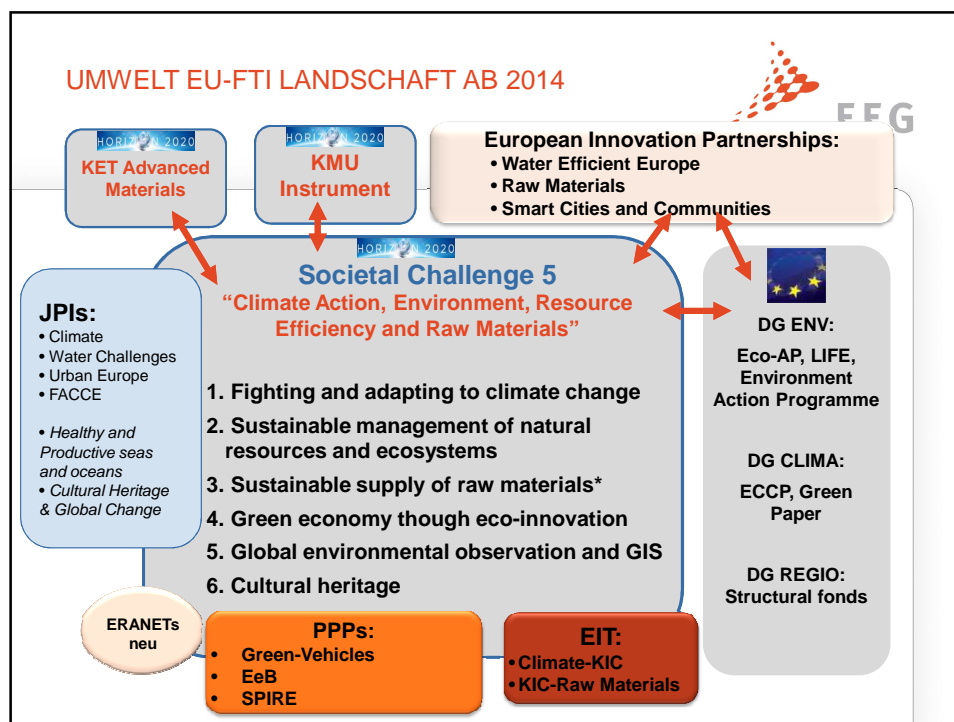
1. Klimaschutz und Anpassung an den Klimawandel
2. Umweltschutz, Nachhaltiges Management natürlicher Ressourcen und Ökosysteme
3. Nachhaltige Versorgung mit Rohstoffen
4. Übergang zu einer umweltfreundlichen Wirtschaft durch Ökoinnovation
5. Globale Umweltüberwachung und entsprechende Informationssysteme
6. Cross-Challenge Topics

⇒ 20 Topics WP 2014/2015



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57



AKTUELLE CALLS IN TRANSNATIONALEN PROGRAMMEN (1)



1. JPI Neurodegenerative Diseases (JPND)

"European research projects for pilot studies on preventive strategies related to Neurodegenerative Diseases"

Deadline Pre-Proposals 20.2.2014

<http://www.neurodegenerationresearch.eu/initiatives/annual-calls-for-proposals/open-calls/preventive-strategies-2013/>



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60

AKTUELLE CALLS IN TRANSNATIONALEN PROGRAMMEN (2)



2. ERA-NET Transcan

"Translational research on tertiary prevention in cancer patients"

Deadline Pre-Proposals 3.2.2014

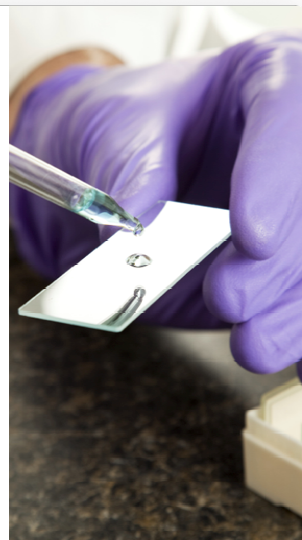
http://www.transcanfp7.eu/transcan/file.php/1/Calls/JTC-2013/Preannouncement_JTC-2013.pdf

3. ERA-NET Rare Diseases

"6th Joint Call for European Research Projects on Rare Diseases: Innovative therapeutic approaches"

Deadline Pre-Proposals 31.1.2014

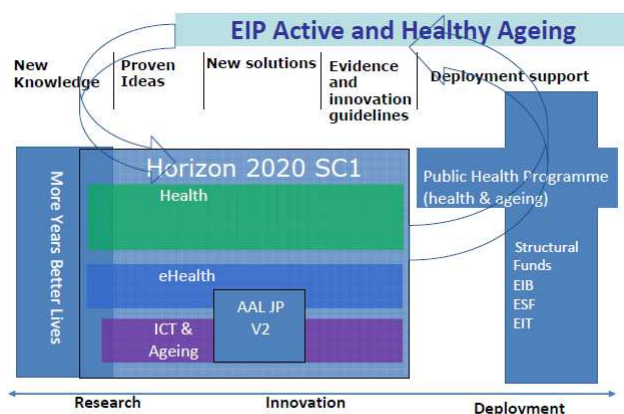
<http://www.erare.eu/joint-call/6th-joint-call-european-research-projects-rare-diseases-jtc-2014-innovative-therapeutic>



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61

HEALTH EU-FTI LANDSCHAFT AB 2014



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Member States Expert Group meeting
4 September 2013; Brussels

Artikel 185 AAL Programme

Active and Assisted Living Joint Programme



ZIEL:

- Beschleunigung der Schaffung innovativer IKT-gestützter Produkte und Dienste für ein aktives und gesundes Altern
- Aufrechterhaltung und Weiterentwicklung einer kritischen Masse in der angewandten Forschung, Entwicklung und Innovation auf dem Gebiet der IKT-gestützten Produkte und Dienstleistungen und Entwicklung kostengünstiger Lösungen
- schaffen günstiger Rahmenbedingungen für die Beteiligung von KMU
- Konzentration auf eine marktnahe angewandte Forschung und Innovation



Artikel 185 AAL Programme

Active and Assisted Living Joint Programme



AAL JOINT PROGRAMME IN H2020

- Bestandteil von H2020 Societal Challenge 1
- AAL soll zur Zielerreichung der EIP-AHA beitragen
- AAL soll einschlägige längerfristige Forschungstätigkeiten sowie groß angelegte Innovationsvorhaben ergänzen, die im Zuge des Rahmenprogramms „Horizon 2020“ und anderer europäischer und nationaler Initiativen vorgesehen sind.
- momentan: Kodezisionsverfahren (Adoption April 2014)
- erste Ausschreibung startet Ende des ersten/Anfang des zweiten Quartals 2014
- Thema ist noch nicht öffentlich, Vorankündigung erfolgt zeitgerecht



Artikel 185 AAL Programme

Active and Assisted Living Joint Programme



HINTERGRUND UND DOKUMENTE

Vorschlag zur Beteiligung der EU und mehreren Mitgliedsstaaten an AAL Programme:

<http://www.era.gv.at/attach/ST12367EN13.pdf>

Interim Evaluation of the Ambient Assisted Living Joint Programme:

http://ec.europa.eu/information_society/activities/einclusion/docs/aal/interim_evaluation_report.pdf

Proceedings der Forum-Veranstaltungen 2009-2011:

<http://www.aal-europe.eu/forum-proceedings/>

ÖSTERREICHISCHER KONTAKT

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Thomas.Zergoi@ffg.at

Gerda.Geyer@ffg.at



Public Health Programme: 3rd programme of
EU action in the field of health (2014-2020)
„Health for Growth“



ZIEL:

strengthen the link between technological innovation and its uptake and commercialisation; while fostering security, quality and efficiency of healthcare.

provide European Added Value

work with Member States to:

- encourage innovation in healthcare
- increase the sustainability of health systems,
- to improve citizens' health security; improve the health of the EU citizens and protect them from cross-border health threats
- to promote health, including the reduction of health inequalities;
- to generate and disseminate health information and knowledge

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66

Public Health Programme: 3rd programme of
EU action in the field of health (2014-2020)
„Health for Growth“



HEALTH FOR GROWTH AND HORIZON2020:

Facilitate the uptake of the results streaming from research projects supported under FP7 and the in the longer term the activities which will be undertaken in Horizon 2020.

Support for the European Innovation Partnership on Active and Healthy Ageing in its 3 themes:

- innovation in awareness, prevention and early diagnosis;
- innovation in cure and care and
- innovation for active ageing and independent living.

KONTAKT UND INFO:

brigitte.magistris@bmg.gv.at

ec.europa.eu/eahc/health/funded_projects.html

ec.europa.eu/health/programme/docs/prop_prog2014_en.pdf

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67

WEITERE PARTNERSCHAFTEN



- **Europäische Innovationspartnerschaften**
 - Teil der Leitinitiative „Innovation Union“
 - „Rahmen“ für Akteure aus den unterschiedlichsten Bereichen für Integration und Initiierung von Maßnahmen betreffend gesamten F&I Zyklus
 - keine Förderinstrumente sondern Innovationsinstrument
 - Pilot: **EIP for Active and Healthy Ageing (EIP-AHA)**

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EIP AHA



1. Implementation of the EIP on AHA actions

1st Invitation for commitments (261 Commitments)


2nd Invitation for commitments (310 Commitments)

- All 27 EU MSs
- Health providers in 271 commitments
- Public authorities from all levels in 170 commitments
- SMEs in 130 commitments
- Large industry in 79 commitments

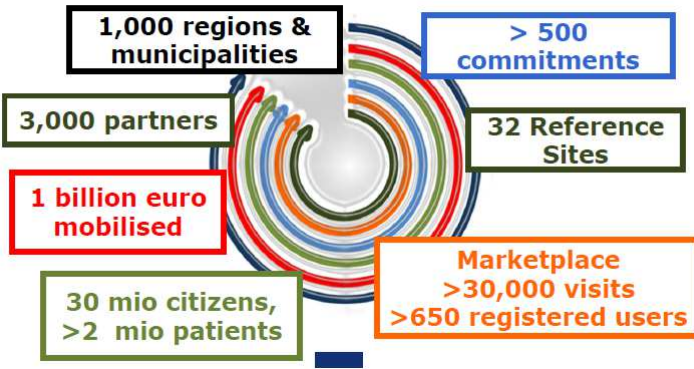
- national, regional and local level
- bottom-up approach
- creating critical mass and scale
- mobilisation of efforts, resources
- leveraging funding opportunities
- tangible outcomes – benefits for citizens, care systems and economy and society

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Michele Zagordo, DG SANCO, Vienna 25 June 2013

EIP AHA 

Building up EIP scale and critical mass



- 1,000 regions & municipalities
- > 500 commitments
- 3,000 partners
- 32 Reference Sites
- 1 billion euro mobilised
- Marketplace >30,000 visits >650 registered users
- 30 mio citizens, >2 mio patients

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Member States Expert Group meeting
4 September 2013; Brussels

„Internationale Konsortien“ im Bereich „HEALTH“ 

- zwischen EK und außereuropäischen Fördergebern
- Ziel: kostenintensive Forschungsziele durch koordinierte Ausschreibungen gemeinsam verfolgen.
- vermehrt Topics ins Arbeitsprogramm zur Erreichung dieser Ziele!
 - International Human Microbiome Consortium (IHMC)
 - International Knock – out Mouse Consortium (IKMC)
 - International Rare Disease Consortium (IRDiRC)
 - International Cancer Genome Consortium (ICGC)
 - International Human Epigenome Consortium (IHEC)
 - Transatlantic Task Force on antimicrobial resistance (TATFAR)
 - International Initiative for Traumatic Brain Injury (InTBIR)
 - Global Alliance for Chronic Diseases

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Die 5. gesellschaftliche Herausforderung (CHALLENGE)



- 5.1 Klimaschutz und Anpassung an den Klimawandel
- 5.2 Nachhaltiges Management natürlicher Ressourcen und Ökosysteme
- 5.3 Nachhaltige Versorgung mit * Rohstoffen
- 5.4 Übergang zu einer umweltfreundlichen Wirtschaft durch Ökoinnovation
- 5.5 Globale Umweltüberwachung und entsprechende Informationssysteme
- 5.6 Kulturelle Erbe

* nicht-energetische und nicht-landwirtschaftliche

