



The EU Framework Programme
for Research and Innovation

*Рамочная программа ЕС по научным
исследованиям и инновациям*

HORIZON 2020

ГОРИЗОНТ 2020



*Excellent Science
Competitive Industries
Better Society*

Передовая наука

Конкурентоспособная индустрия

Благодарное общество

Research and
Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

РОСТ
GROWTH

РАБОТА

JOBS

**Investing in science & innovation
to make the economy grow**

*Инвестиции в науку и инновации, чтобы
обеспечить рост экономики*

Research and
Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020



“Horizon 2020 is part of the drive to create new growth and jobs in Europe”

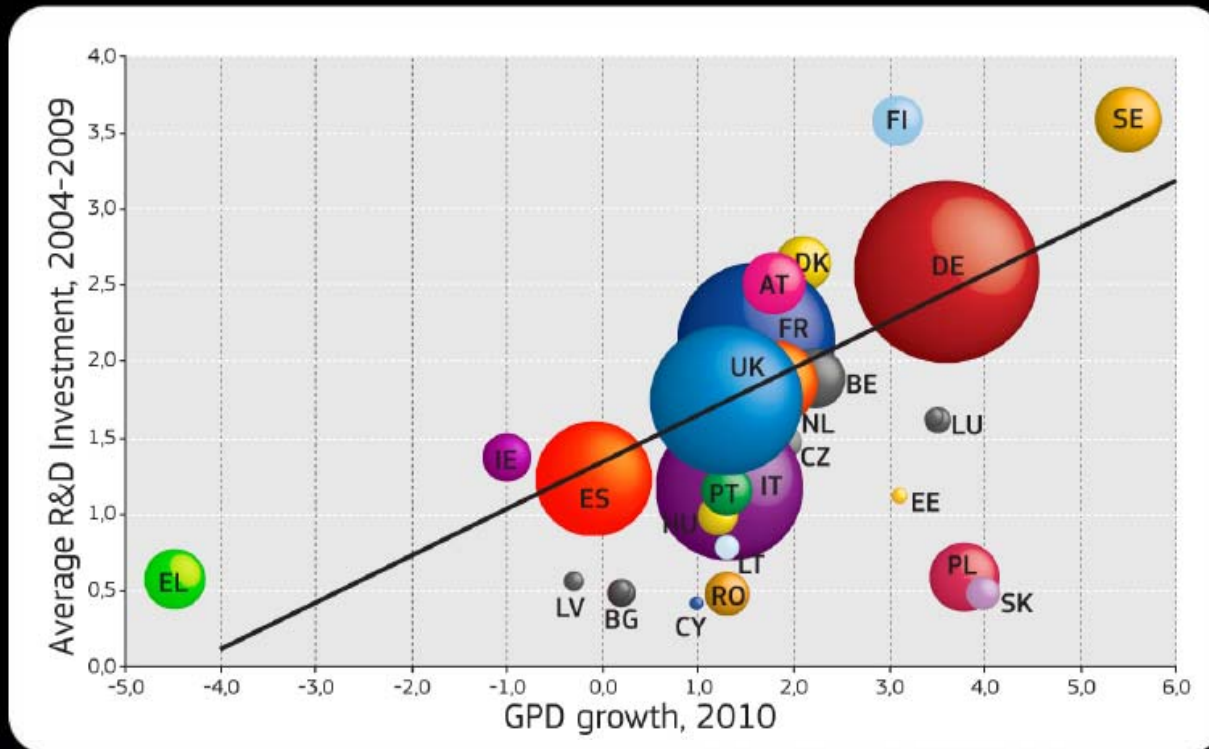
Máire Geoghegan-Quinn, European Commissioner
for Research, Innovation and Science

“Горизонт 2020 является частью кампании по обеспечению роста экономики и созданию новых рабочих мест в Европе ”

Research and
Innovation

***Маэр Джорджиган-Квин,
Еврокомиссар по исследованиям,
инновациям и науке***

HORIZON 2020



Investing in knowledge boosts economic performance

Инвестиции в знания способствуют экономическому развитию

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Europe 2020

Digital agenda for Europe Sustainable growth Youth on the move Recovery investment plan Industrial policy for the globalisation era Agenda for new skills and jobs European platform for innovation

Европа 2020

**Creating the right framework
conditions for growth**

***Создание правильных рамочных
условий для роста***

Research and
Innovation

Innovation Union

Инновационный Союз

**34 action points
to make it possible**

*34 действия определены,
чтобы сделать это
ВОЗМОЖНЫМ*

**Developing
a European
knowledge market
for patents &
licensing**

*Разработка
европейского
рынка знаний для
патентов и
лицензий*

**Modernising
the EU's
public
procurement**

*Модернизация
государственных
закупок в ЕС*

**Passport
for venture
capital**

*Паспорт
для
венчурного
капитала*

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

HORIZON 2020



Budget
nearly €80 000 million
(current prices)

Duration 2014-2020

***Бюджет почти 80 000 млн. евро
(в текущих ценах)***

Продолжительность 2014-2020 гг.

HORIZON 2020

Соединение исследований и инноваций

Coupling R&I *Проблемный подход*
Challenge based

A simpler programme
Более простая программа

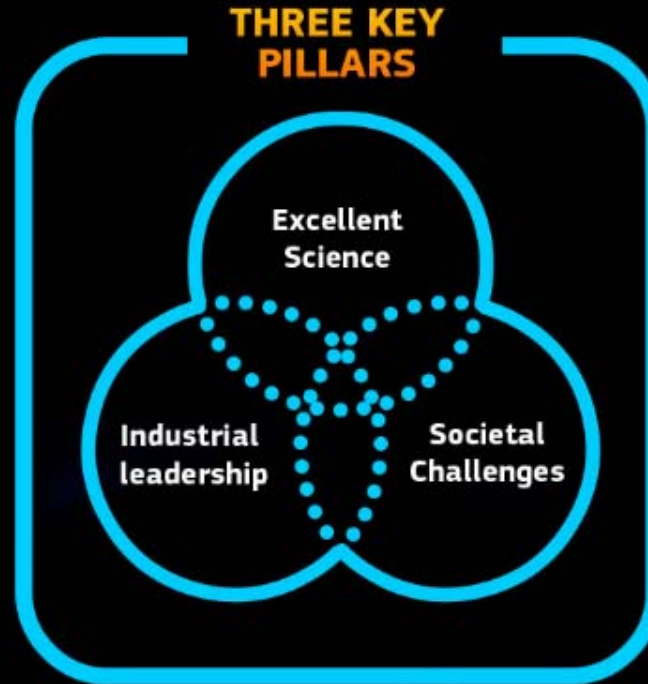
Horizon 2020 is designed to help bring more ideas to the market

Горизонт 2020 предназначен для того, чтобы помочь принести новые идеи на рынок

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

ТРИ КЛЮЧЕВЫХ ЭЛЕМЕНТА



**Промышленное
лидерство**

**Передовая
наука**

**Социальные
вызовы**



**Supporting
our excellent
science base**

*Поддержка нашей
превосходной
научной базы*

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**€13 095
million**



*ERC - Европейский
исследовательский
совет*

**Supporting world leading
scientists in frontier research**

*Поддержка мировых ведущих ученых в
пограничных исследованиях*

Research and
Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**€6 162
million**



**Providing training & career
development opportunities**

*Предоставление возможностей для обучения и
развития карьеры*

Research and
Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**€2 696
million**

12312345782359623476
45632452345
45667856784536346
4365648456543246813

» 02
SCREEN

**Development of future &
emerging technologies**

Разработка будущих и новых технологий

Research and
Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**€2 488
million**

EU research infrastructures

Исследовательские инфраструктуры ЕС

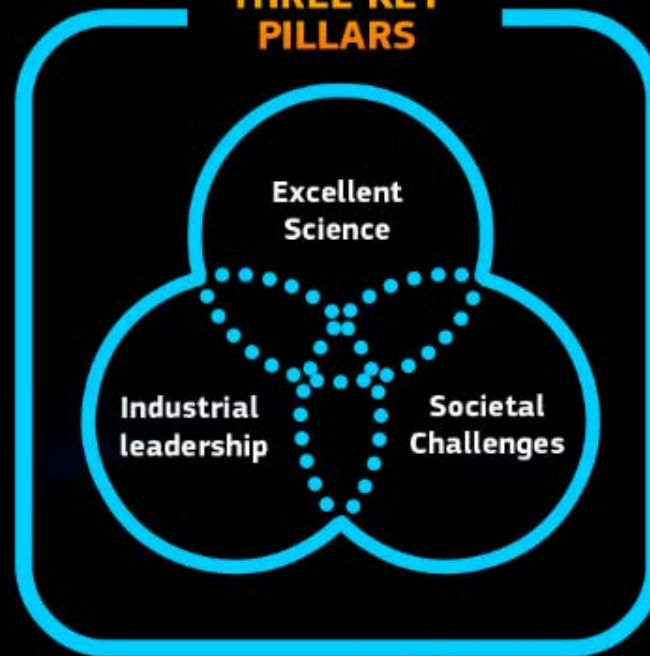
Research and
Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

ТРИ КЛЮЧЕВЫХ ЭЛЕМЕНТА

THREE KEY PILLARS



*Промышленное
лидерство*

*Передовая
наука*

*Социальные
вызовы*

A thick teal circular border surrounds the central text.

Building Industrial Leadership in Europe

*Обеспечение
промышленного
лидерства
Европы*

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**€13 557
million**

**Лидерство в сервисных и
промышленных технологиях**

**Leadership in enabling &
industrial technologies (LEITs)**

HIGH-QUALITY JOBS - FROM LAB TO MARKET - FROM LAB TO FACTORIES - INDUSTRIAL HIGH-TECH

**ВЫСОКОКАЧЕСТВЕННЫЕ РАБОЧИЕ МЕСТА - ОТ ЛАБОРАТОРИИ ДО РЫНКА - ОТ
ЛАБОРАТОРИИ ДО ЗАВОДОВ - ПРОМЫШЛЕННЫЕ ВЫСОКИЕ ТЕХНОЛОГИИ - u.m.n.**

Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**€2 842
million**

**Сотрудничество с Европейским
инвестиционным банком и
Европейским инвестиционным
фондом**

**Долговое и акционерное
финансирование**

**Cooperation with
European Investment Bank &
European Investment Fund**

Debt & Equity Financing

VENTURE CAPITAL

Доступ к финансированию риска

Access to risk finance

- GROWTH-EXPANSION - RISK CAPITAL - MEZZANINE FINANCE - INVESTMENT-READY - BANKABILITY

**РОСТ- РАСШИРЕНИЕ - РИСКОВЫЙ КАПИТАЛ - МЕЗОНИННОЕ
ФИНАНСИРОВАНИЕ - БЫСТРЫЕ ИНВЕСТИЦИИ - и т.п.**

HORIZON 2020

**20% от общего бюджета
на социальные проблемы
и LEITs должны пойти в
МСП**

**МСП Инструмент
(3 000 млн. евро)**

20% of the total
budget for societal
challenges and LEITs
to go to SMEs

SME Instrument
(€3 000 million)

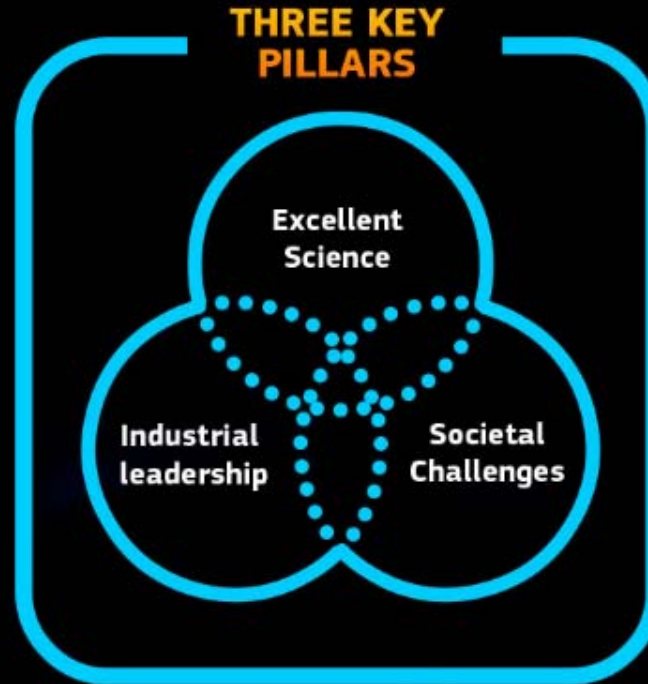
Strengthening participation of innovative SMEs

**Расширение участия инновационных малых и
средних предприятий**

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

ТРИ КЛЮЧЕВЫХ ЭЛЕМЕНТА



**Промышленное
лидерство**

**Передовая
наука**

**Социальные
вызовы**

A thick teal circular border surrounds the central text.

Tackling societal challenges for a better society

*Решение социальных
проблем для обеспечения
благополучия
общества*

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**€7 472
million**



Улучшение здоровья для всех

Better health for all

- SUSTAINABLE HEALTH AND CARE SYSTEMS - UNDERSTANDING HEALTH - PREVENTING DISEASE -

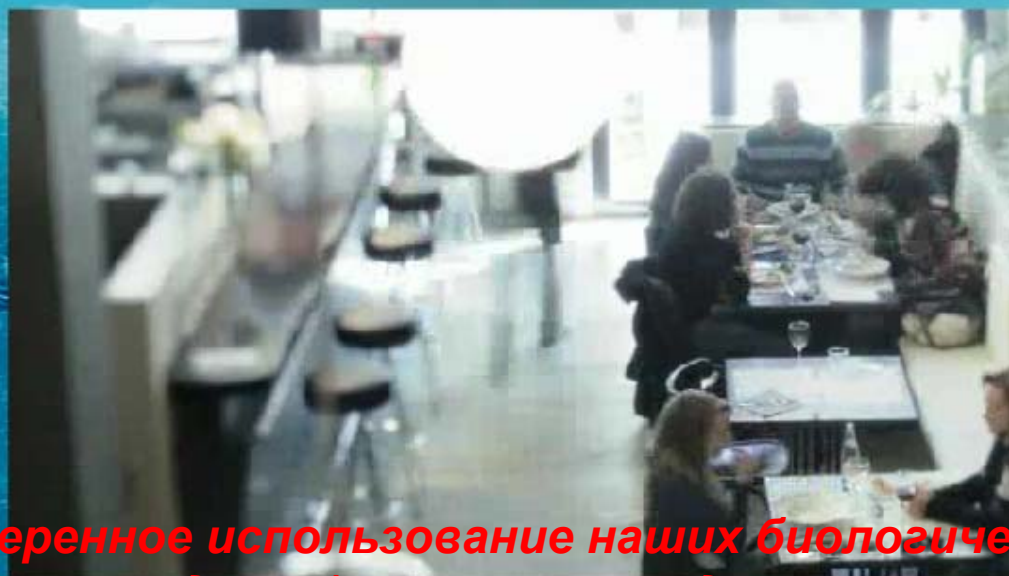
**УСТОЙЧИВЫЕ СИСТЕМЫ ЗДРАВООХРАНЕНИЯ И СОЦИАЛЬНЫЕ
СЛУЖБЫ - ПОНИМАНИЕ ЗДОРОВЬЯ - ПРОФИЛАКТИКА ЗАБОЛЕВАНИЙ -**

Research and
Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**€3 851
million**



Умеренное использование наших биологических ресурсов для обеспечения продовольственной безопасности и устойчивого роста

**Making the best of our biological resources
for food security and sustainable growth**

GREEN GROWTH - FOOD SECURITY - RENEWABLE BIOLOGICAL RESOURCES - BLUE GROWTH - BIOECONOMY

**ЗЕЛЕНЬЙ РОСТ - ПРОДОВОЛЬСТВЕННАЯ БЕЗОПАСНОСТЬ -
ВОЗОБНОВЛЯЕМЫЕ БИОЛОГИЧЕСКИЕ РЕСУРСЫ - СИНИЙ РОСТ и т.п.**

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**€5 931
million**

**Competitive
low carbon
energy**

*Конкурентная
низко-углеродная
энергия и т.п.*

**Secure, clean &
efficient energy**

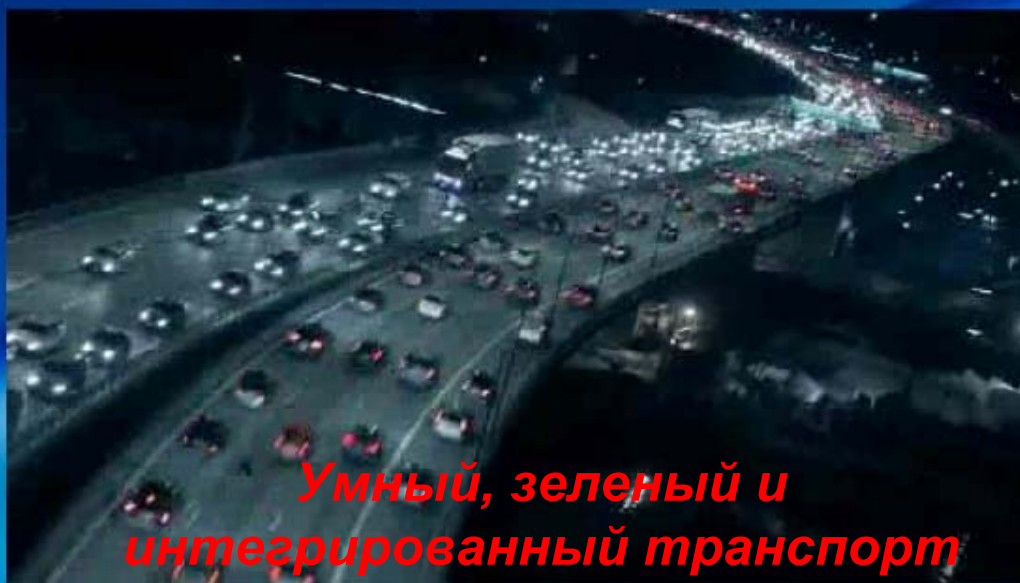
*Безопасная, чистая и
эффективная энергетика*

Research and
Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

**€6 339
million**



*Умный, зеленый и
интегрированный транспорт*

Smart, Green & Integrated Transport

GREEN VEHICLES - ENERGY-EFFICIENT TRANSPORT - NEXT GENERATION OF INFRASTRUCTURES - E

*ЗЕЛЕННЫЕ АВТОМОБИЛИ - ЭНЕРГОЭФФЕКТИВНЫЙ ТРАНСПОРТ -
СЛЕДУЮЩЕЕ ПОКОЛЕНИЕ ИНФРАСТРУКТУРЫ – и т.п.*

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**€3 081
million**

*Климатические действия , окружающая
среда, эффективность использования
ресурсов и сырьевые материалы*

**Climate action, environment,
resource efficiency & raw materials**

LOW CARBON ECONOMY - MANAGING WATER RESOURCES - EFFICIENT USE OF WASTE - BRINGING

*НИЗКОУГЛЕРОДНАЯ ЭКОНОМИКА - УПРАВЛЕНИЕ ВОДНЫМИ РЕСУРСАМИ -
ЭФФЕКТИВНОЕ ИСПОЛЬЗОВАНИЕ ОТХОДОВ и т.п.*

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**€1 310
million**

*Эксклюзивные, инновационные и
мыслящие общества*

**Inclusive, innovative
& reflective societies**

- STUDYING NEW FORMS OF INNOVATION - EXPLORING EUROPEAN CULTURE AND HISTORY - EUROPEAN

*ИЗУЧЕНИЕ НОВЫХ ФОРМ ИННОВАЦИЙ - ИССЛЕДОВАНИЕ
ЕВРОПЕЙСКОЙ КУЛЬТУРЫ И ИСТОРИИ – и т.п.*

Research and

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

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**€1 695
million**

**Cyber
security**



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**Сохранение
безопасного общества**

**Natural
hazards**

**Safeguarding
a secure society**

PEACE BUILDING - COMPETITIVENESS - FIRST RESPONDERS - FIGHT AGAINST CRIME AND TERROR

**МИРОВОЕ СТРОИТЕЛЬСТВО – КОНКУРЕНТОСПОСОБНОСТЬ - СЛУЖБЫ ЭКСТРЕННОГО
РЕАГИРОВАНИЯ - БОРЬБА С ПРЕСТУПНОСТЬЮ И ТЕРРОРИЗМОМ – и т.п.**

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**€939
million**



*Сильный акцент
на ядерной
безопасности*

**Strong focus
on nuclear safety**

Euratom Programme: nuclear fission & fusion research

*Программа Евратом: ядерные реакции и
термоядерные исследования*

Research and
Innovation

A large teal-colored outline of a triangle with rounded corners, centered on a black background. The outline is thick and uniform in width.

Crosscutting

*Межсекторальные
проекты*

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International Cooperation

Международное сотрудничество

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**€816
million**

EXCELLENCE

Widening participation

Расширение участия

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Innovation

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Science with & for society

Наука с обществом и для общества

Research and
Innovation

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

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The logo for the European Institute of Innovation & Technology (eit) features the lowercase letters 'eit' in a dark blue, sans-serif font. The letter 'i' has a white dot. To the right of the text is a circular graphic composed of several concentric, semi-transparent circles in shades of light blue and white, creating a sense of depth and movement.

European Institute of
Innovation & Technology

Европейский институт
инноваций и технологий

**Integrating higher education
with Research & Innovation**

*Интеграция высшего образования с
исследованиями и инновациями*

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Participation made easier

*Участие
облегчается*



HORIZON 2020

RESEARCH & INNOVATION

Participant Portal

Research & Innovation > Participant Portal > Home

FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT

Welcome to the Research and Innovation Participant Portal

About the Participant Portal:

The Participant Portal is your entry point for the electronic administration of EU-funded research and innovation projects. It hosts services for managing proposals and projects throughout their lifecycle.

The Participant Portal supports activities funded mainly by the following EU programmes:

- 7th Framework Programme for Research and Technological Development (FP7)
- Competitiveness and Innovation Framework Programme (CIP)

Using the Participant Portal:

As a guest user, browse:

- search for funding opportunities
 - download guidance and information
 - search for the participants of an organisation
 - contact the FP7 support services
- FAQ for guidance on the Participant Portal

As a registered user, browse services for proposal submission and project management

Easier access

Упрощенный доступ

Easier applications

Более простые приложения

Less reporting

Меньше отчетности

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

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Shorter time to grant

Более короткое время до получения гранта

Quicker payments

Более быстрые платежи

Fewer audits

Меньше проверок

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Partnerships for leadership

*Партнерские связи в
интересах руководства*

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**€22 000 million for Innovation
Investment Package**

*22 000 миллионов евро для инновационного
инвестиционного пакета*

Research and
Innovation

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DECEMBER 2013

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

First calls on 11 December 2013!

Первые конкурсы объявлены 11 декабря 2013 г.!

THE EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

HORIZON 2020



Dream it !

Team it !

Make it happen !

Мечтайте !

Создавайте команду !

Воплощайте в жизнь !

Research and
Innovation

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HORIZON 2020

HORIZON 2020



**Partners in
excellent science
& Innovation**

***Партнер в
области
передовой науки и
инноваций***

Research and
Innovation

© Horizon 2020 - EC Official Version 2013

by on 3 February 2014

<http://prezi.com/dycpimkrkgml/horizon-2020-ec-official-version-2013/>



<http://ec.europa.eu/programmes/horizon2020/>

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HORIZON 2020

The EU Framework Programme for Research and Innovation

[European Commission](#) > [Horizon 2020](#)

[Home](#)

[What is Horizon 2020?](#)

[Find Your area](#)

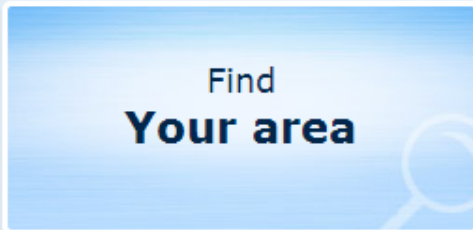
[How to Get funding?](#)

[News](#)

[Events](#)

[Multimedia & Publications](#)

[Project Stories](#)

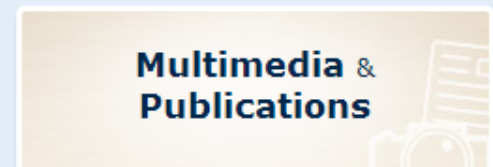


Highlights

[HBP at World Economic Forum](#)

Published on: Wed, 22 Jan 2014

Henry Markram, professor of Neuroscience at the Swiss Federal

YOUR FEEDBACK



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

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Horizon 2020

Calls

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FP7 & CIP Programmes

Calls

Call Updates

COSME

Other Funding Opportunities

Horizon 2020

Excellent Science

- European Research Council
- Future and Emerging Technologies
- Marie Skłodowska-Curie actions
- Research infrastructures

Industrial Leadership

- Leadership in enabling and industrial technologies(LEIT)
- Access to risk finance
- Innovation in SMEs

Type

- Proposal
- Tender

Status

- Open
- Closed
- Forthcoming

Filter a call

FILTER

Filters only programme and call titles and IDs, for extended search go to the [Search Topics page](#).

Sort by



Title



Call Id



Publication Date



Deadline Date

Industrial Leadership

EU-Japan Research and Development Cooperation in Net Futures

H2020-EUJ-2014

Pub.Date: 07/01/2014

Deadline: 10/04/2014

Indirect actions

Prize - Innovation SOFT
H2020-Prize-Innovation-SOFT-2014

Pub.Date: 07/01/2014

Deadline: 16/04/2014

Societal Challenges

MOBILITY for GROWTH 2014-2015
H2020-MG-2015_TwoStages

Pub.Date: 11/12/2013

Deadline: 31/03/2015

Marie Skłodowska-Curie actions

Horizon 2020

Calls



Search Topics

Call Updates



FP7 & CIP Programmes

Calls



Call Updates



COSME

Other Funding Opportunities

Horizon 2020

Excellent Science

- European Research Council
- Future and Emerging Technologies
- Marie Skłodowska-Curie actions
- Research infrastructures

Industrial Leadership

- Leadership in enabling and industrial technologies (LEIT)
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Type

- Proposal
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FILTER

Filters only programme and call titles and IDs, for extended search go to the [Search Topics page](#).

Sort by



Title



Call Id



Publication Date



Deadline Date

Excellent Science

Marie Skłodowska-Curie Research and Innovation Staff Exchange (RISE)

H2020-MSCA-RISE-2014

Pub.Date: 11/12/2013

Deadline: 24/04/2014

Excellent Science

Trans-national cooperation among Marie Skłodowska-Curie National ...

H2020-MSCA-NCP-2014

Pub.Date: 11/12/2013

Deadline: 02/04/2014

Excellent Science

European Researchers' Night (NIGHT)

H2020-MSCA-NIGHT-2014

Pub.Date: 11/12/2013

Deadline: 04/03/2014

Excellent Science

MARIE SKŁODOWSKA-CURIE ACTION: INNOVATIVE TRAINING NETWORKS (ITN)

H2020-MSCA-ITN-2014

Pub.Date: 11/12/2013

Deadline: 09/04/2014

In addition to the search facilities, the full list of H2020 Calls can be found [here](#).

Climate action, environment, resource efficiency and raw materials

Horizon 2020

Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world - inclusive, innovative and reflective Societies
- Secure societies - Protecting freedom and security of Europe and its citizens

Type

Proposal

Tender

Status

Open

Closed

Forthcoming

Filters only programme and call titles and IDs, for extended search go to the [Search Topics page](#).

Sort by



Title



Call Id



Publication Date



Deadline Date

Societal Challenges

Growing a Low Carbon, Resource Efficient Economy with a Sustainab
...
H2020-SC5-2015-one-stage

Pub.Date: 11/12/2013

Deadline: 10/03/2015

Societal Challenges

Waste: A resource to recycle, reuse and recover raw materials
H2020-WASTE-2015-two-stage

Pub.Date: 11/12/2013

Deadline: 16/10/2014

Societal Challenges

Waste: A resource to recycle, reuse and recover raw materials
H2020-WASTE-2015-one-stage

Pub.Date: 11/12/2013

Deadline: 10/03/2015

Societal Challenges

Waste: A resource to recycle, reuse and recover raw materials
H2020-WASTE-2014-two-stage

Pub.Date: 11/12/2013

Deadline: 08/04/2014

Societal Challenges

Waste: A resource to recycle, reuse and recover raw materials
H2020-WASTE-2014-one-stage

Pub.Date: 11/12/2013

Deadline: 08/04/2014

Societal Challenges

Growing a Low Carbon, Resource Efficient Economy with a Sustainab
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H2020-SC5-2014-one-stage

Pub.Date: 11/12/2013

Deadline: 08/04/2014

Horizon 2020

Calls



Search Topics

Call Updates



FP7 & CIP Programmes

Calls



Call Updates



COSME

Other Funding Opportunities

Благодарим за внимание !!!



- Донецкий национальный университет



- Савкевич Алексей Владимирович
- Иванов Сергей Николаевич



- Шеставин Николай Степанович
- m.shestavin@donnu.edu.ua
- <http://www.lcoir-ua.eu>