



# Horizon 2020: Funding opportunities for Health SMEs

**Societal Challenge 1: Health, demographic change  
and wellbeing**

**SC1 Infoday – 18/09/2015**



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HORIZON 2020

# EU definition of Small and Medium-sized Enterprise (SME)

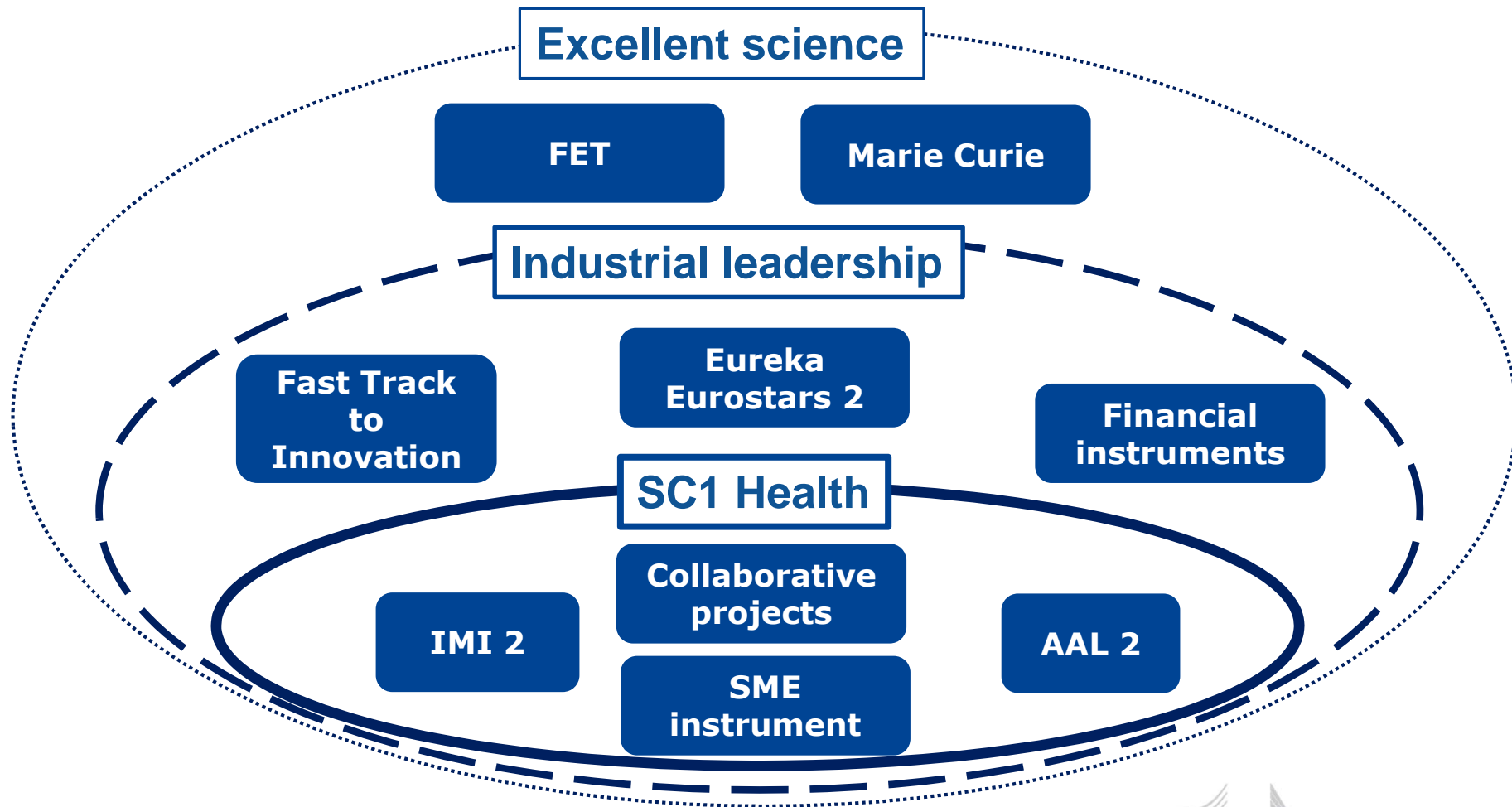
**Any autonomous entity engaged in an economic activity, irrespective of its legal form, with the following characteristics:**

- < 250 employees
- ≤ €50 million annual turnover
- ≤ €43 million annual balance sheet
- Autonomous entity

**Learn more:**

[http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition/index\\_en.htm](http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition/index_en.htm)

# Funding for Health SMEs in H2020



# Identify opportunities

The screenshot shows the top section of the Participant Portal website. At the top right, there are links for '(A-Z) Sitemap', 'About this site', 'Contact', 'Legal Notice', 'Search', and a language dropdown set to 'English'. The main header features the European Commission logo and the text 'RESEARCH & INNOVATION Participant Portal'. Below this is a breadcrumb trail: 'European Commission > Research & Innovation > Participant Portal > Home'. A navigation bar contains links for 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'EXPERTS', 'SUPPORT', a search box labeled 'Search PP', and 'LOGIN' and 'REGISTER' buttons. A large banner for 'Horizon 2020 Funding' is displayed, with the text 'Starting from 1/1/2014'. Below the banner, a text block states: 'On this site you can find and secure **funding** for projects under the following EU programmes:'. A bulleted list follows: '• 2014-2020 Horizon 2020 - research and innovation framework programme', '• 2007-2013 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)', and '• Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme'. Below the list are two columns: 'Non-registered users' and 'Registered users'. At the bottom of the page, there is a row of six icons with labels: 'WHAT'S NEW?' (with a 'NEW' badge), 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'WORK AS AN EXPERT', 'MY PERSONAL AREA', and 'INFORMATION AND SUPPORT'.

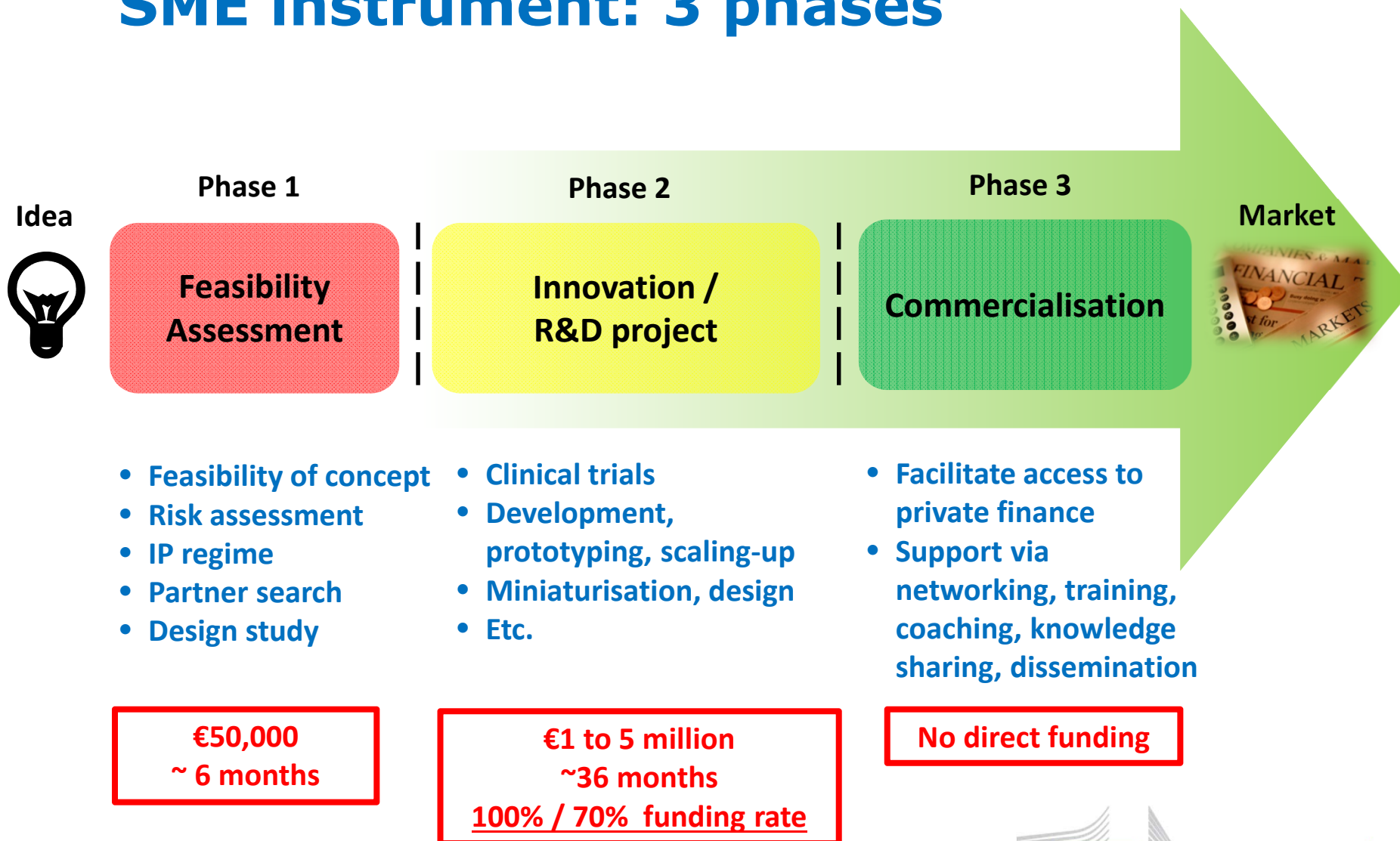


**Use the keyword search on the Participant Portal**

# SME instrument

- Inspired by the US Small Business Innovation Research (SBIR) program
- Piloted by the Health Directorate in 2012/13
- **Single company support possible**
- Only EU SMEs allowed to apply for funding
- Competitive, market-oriented, EU dimension
- Several cut-off dates i.e. submission deadlines per year
- Resubmission is possible

# SME instrument: 3 phases



# SME instrument topics (1/2)

## **SMEInst-05-2016-2017: Supporting innovative SMEs in the healthcare biotechnology sector**

### 1) Clinical research for the validation of biomarkers and/or diagnostic medical devices (PHC 12)

- 25/11/2015: phase 1 & 2 cut-off
- 18/01/2017: phase 2 only cut-off

### 2) Cell technologies in medical applications

- 2016: 4 cut-offs in phase 1 & 2
- 2017: 4 cut-offs in phase 1 & 2

**Overall budget: €80 million**

**Funding rate: 100%**

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## SME instrument topics (2/2)

### **SMEInst-06-2016-2017: Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Well**

- 2016: 4 cut-offs in phase 1 & 2
- 2017: 4 cut-offs in phase 1 & 2

**Overall budget: €30.5 million**  
**Funding rate: 70%**



# 2014-15: Key figures from the biomarker topic (PHC 12)

	Phase 1	Phase 2	Total
Cut-offs so far	5	4	9
Proposals submitted	837	392	1.229
Projects funded	123	26	149
SMEs funded	128	32	160
Success rate	14.7%	6.6%	13.0%
Total EU funding	€6.4 m	€82.2 m	€88.6 m
Average EU funding/project	€50 k	€3.9 m	-
Remaining cut offs	1	2	3
Remaining EU funding	-	-	€20,2 m



If you are not ready for December, you can still take your chance in the phase 2 cut-off of 2017

# Some of the domains covered so far

## phase 2

- Respiratory
- Heart disease: myocardial infarction
- Cancer: cervical, colorectal, pancreatic, bladder, breast, lung (x3)
- Diabete
- Arthritis
- Infections: septic shock
- Infectious diseases : TB, ID self testing platform
- Alzeihmer
- Blood brain barrier permeability
- Corneal disease

# Biomarker topic (PHC 12): Phase 2

**2014**

**2015**

**1st cut-off – 9 October**

- Success rate: **12,3%**

**1st cut-off – 18 March**

- Success rate: **4,3%**

**2nd cut-off - 17 Dec.**

- Success rate: **10,1%**

**2nd cut-off – 17 June**

- Success rate: **2,3%**



**Increase your chances: apply now!**

# Proposals evaluation (1/2)

## Scoring:

3 criteria: Excellence / Impact / Implementation

### Phase 1 thresholds:

- Excellence: 4/5 ; Impact: 4/5 ; Implementation: 4/5
- Minimum overall threshold: 13/15
- **Score = Excellence + Impact \*1,5 + Implementation**

### Phase 2 thresholds :

- Excellence: 3/5 ; Impact: 4/5 ; Implementation: 3/5
- Minimum overall threshold: 12/15
- **Score = Excellence + Impact \*1,5 + Implementation**

# Proposals evaluation (2/2)

## Evaluations:

- At least 4 experts review and score each proposal
- Fully remote – no consensus meeting in Brussels
- Final proposal score is the median of experts' scores
- The consensus report comprises a collation of experts' individual reports
- Applicants can provide up to 3 persons that should not act as evaluator

## Feedback about evaluations outcome to applicants:

- Phase 1: 2 months after the cut-off date
- Phase 2: 4 months after the cut-off date

## Time to contract:

- Phase 1: 1 month after receiving feedback (3 months after cut-off)
- Phase 2: 2 months (6 months after cut-off)

# Fast Track to Innovation 2015-2016

FTI (2015-16):  
€200 m

- **Pilot call - rules & conditions:**

- Eligibility: 60% of the overall project budget allocated to industry participants in the consortium or majority of industry participants (defined as 'private for-profit organisation')
- Restricted to Member States and Associated Countries
- 3 to 5 partners maximum, max. €3 million EU contribution
- Fully bottom-up, close-to-market activities, 70% funding rate
- Market uptake no later than 3 to 4 years after the start of the project
- Next 2015 cut-off: 1<sup>st</sup> December 2015

# Eureka Eurostars-2: 2014-2020

**Eurostars 2:**  
**~€1.1 billion**  
EC: €0.3b – 33 countries: €0.8b

## SME-targeted programme

- 100% bottom-up, market-oriented
- 70% of participants are SMEs
- Minimum participation: two organisations from two different participating countries. All types of organisations can join.

## Eurostars-2

- Focus: stimulate growth and research and innovation in SMEs.
- Budget: +200% increase



# Doubts? Questions?



**Tip!**

- Get in touch with your National Contact Point
- Promote your business, products and R&D capacity on Fit for Health website

## Look at:

NCP:  
[http://ec.europa.eu/research/participants/portal/desktop/en/support/national\\_contact\\_points.html](http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html)  
FFH: <http://www.fitforhealth.eu/>

Questions on subcontracting for PHC 12 (2014-2015) or SMEInst-05-2016-2017: Supporting innovative SMEs in the healthcare biotechnology sector?

Please see: <https://ec.europa.eu/easme/sites/easme-site/files/SME-instrument-webinar-subcontracting-phc.pdf>



# EU Health funding for SMEs in H2020

	Collaborative projects	SME instrument	Eureka Eurostars 2	Fast Track to Innovation	IMI 2	AAL 2
<b>Typical consortium</b>	5-15 partners	1 partner	3-4 partners	3-5 partners	10-20 partners	5-10 partners
<b>Typical partners</b>	Academia & SMEs	Only SMEs	SMEs & Academia	Industry, SMEs, Academia	Big pharma, academia & SMEs	SMEs, academia, industry
<b>Typical project duration</b>	4-5 years	2-3 years	2-3 years	2 years	5 years	3 years
<b>Mini. partners</b>	3	1	2	3 (maximum 5)	3	3
<b>Mini. countries</b>	3	1	2	3	3	3
<b>Typical project coordinator</b>	Academia	SME	SME	Industry	Big pharma, Academia	SME, academia
<b>Typical project budget</b>	€2-10 million	€1-5 million	€0.5-1.5 million	€1-3 million	€10-30 million	€1-5 million
<b>Funding rate</b>	100% +25% overhead	100%+25% overhead	40-75%, (depends on country)	70%+25% overhead	100%+25% overhead	100%+25% overhead
<b>Topic</b>	Broad	Broad	No topic Bottom-up	No topic Bottom-up	Narrow	Broad

# EU Health funding for SMEs in H2020

	Collaborative projects	SME instrument	Eureka Eurostars 2	Fast Track to Innovation	IMI 2	AAL 2
<b>Budget (2014-2020)</b>	€46 billion SC1: €4 billion	€3 billion SC1: €500 m	€1.1 billion	€200 million (2014-15)	€3.2 billion	€300 million
<b>Health research theme</b>	See topics	Biomarker validation Cell technologies	All	All	See topics	ICT for ageing well
<b>Funding</b>	Horizon 2020	Horizon 2020	H2020 + participating countries	Horizon 2020	H2020 + EFPIA	H2020 + participating countries
<b>Projects funded yearly</b>	~100	~ 10 (phase 2 projects)	~ 80	~ 30	~ 5	~ 20
<b>Deadlines</b>	Fixed deadlines	Always open	Fixed deadlines	Always open	Fixed deadline	Fixed deadline
<b>Open to US</b>	Yes in SC1, if essential elsewhere	No	No	No	Yes	No
<b>Project examples</b>	<a href="http://www.healthcompetence.eu/converis/public-web/area/1353">http://www.healthcompetence.eu/converis/public-web/area/1353</a>	<a href="http://ec.europa.eu/easme/en/sme-instrument-projects">http://ec.europa.eu/easme/en/sme-instrument-projects</a>	<a href="http://www.eureka.net/ork.ork/project-search">http://www.eureka.net/ork.ork/project-search</a>	Coming soon	<a href="http://www.imi.europa.eu/content/ongoing-projects">http://www.imi.europa.eu/content/ongoing-projects</a>	<a href="http://www.aal-europe.eu/our-projects/">http://www.aal-europe.eu/our-projects/</a>
<b>More information</b>	<a href="http://ec.europa.eu/research/participants/portal">http://ec.europa.eu/research/participants/portal</a>	<a href="http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2594-phc-12-2014.html">http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2594-phc-12-2014.html</a>	<a href="http://www.eurostars-eureka.eu/">http://www.eurostars-eureka.eu/</a>	<a href="http://ec.europa.eu/research/participants/portal">http://ec.europa.eu/research/participants/portal</a>	<a href="http://www.imi.europa.eu/">http://www.imi.europa.eu/</a>	<a href="http://www.aal-europe.eu/">http://www.aal-europe.eu/</a>