



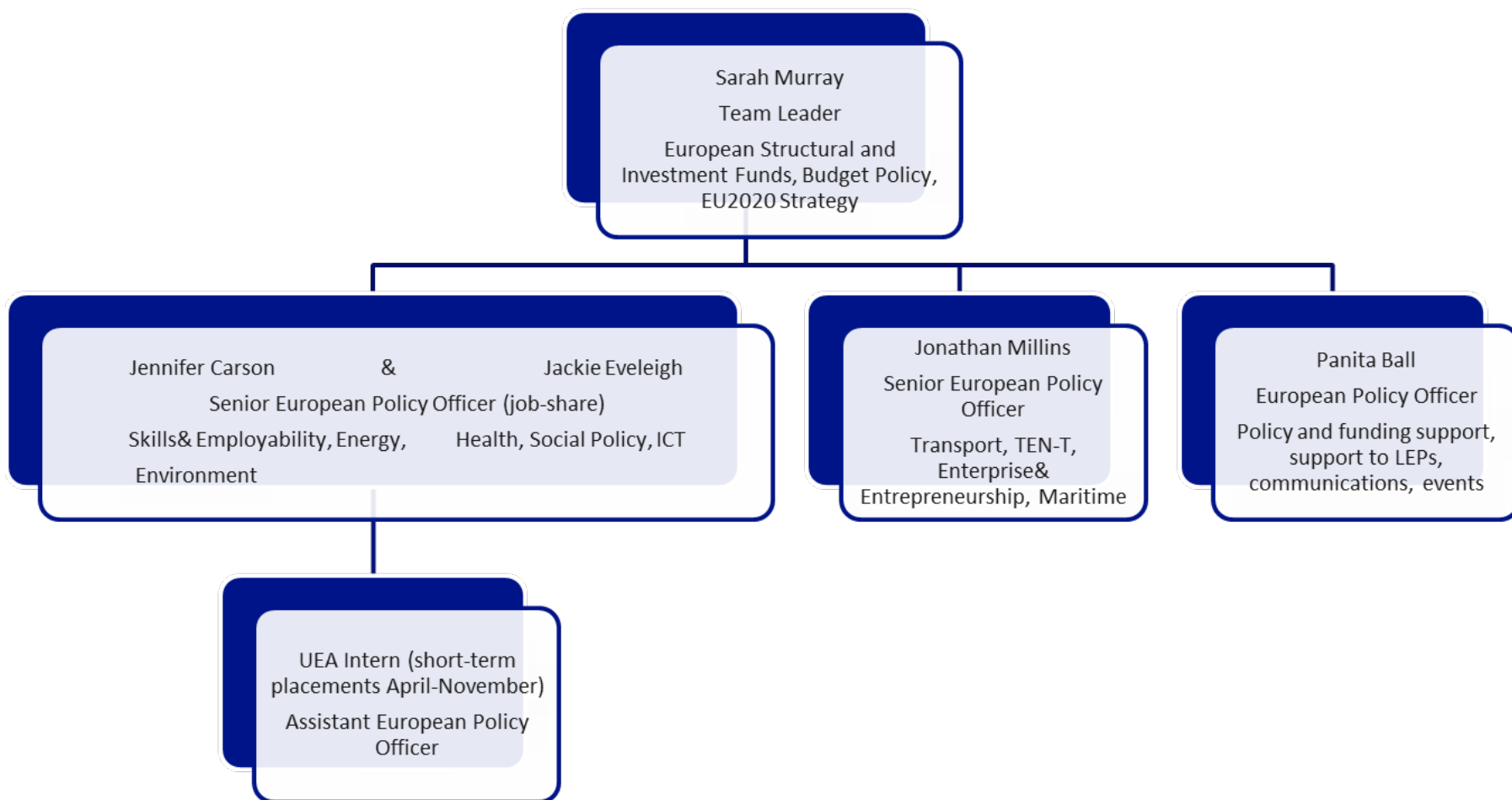
**East of England**  
European Partnership

# Horizon 2020 for Business

Jonathan Millins

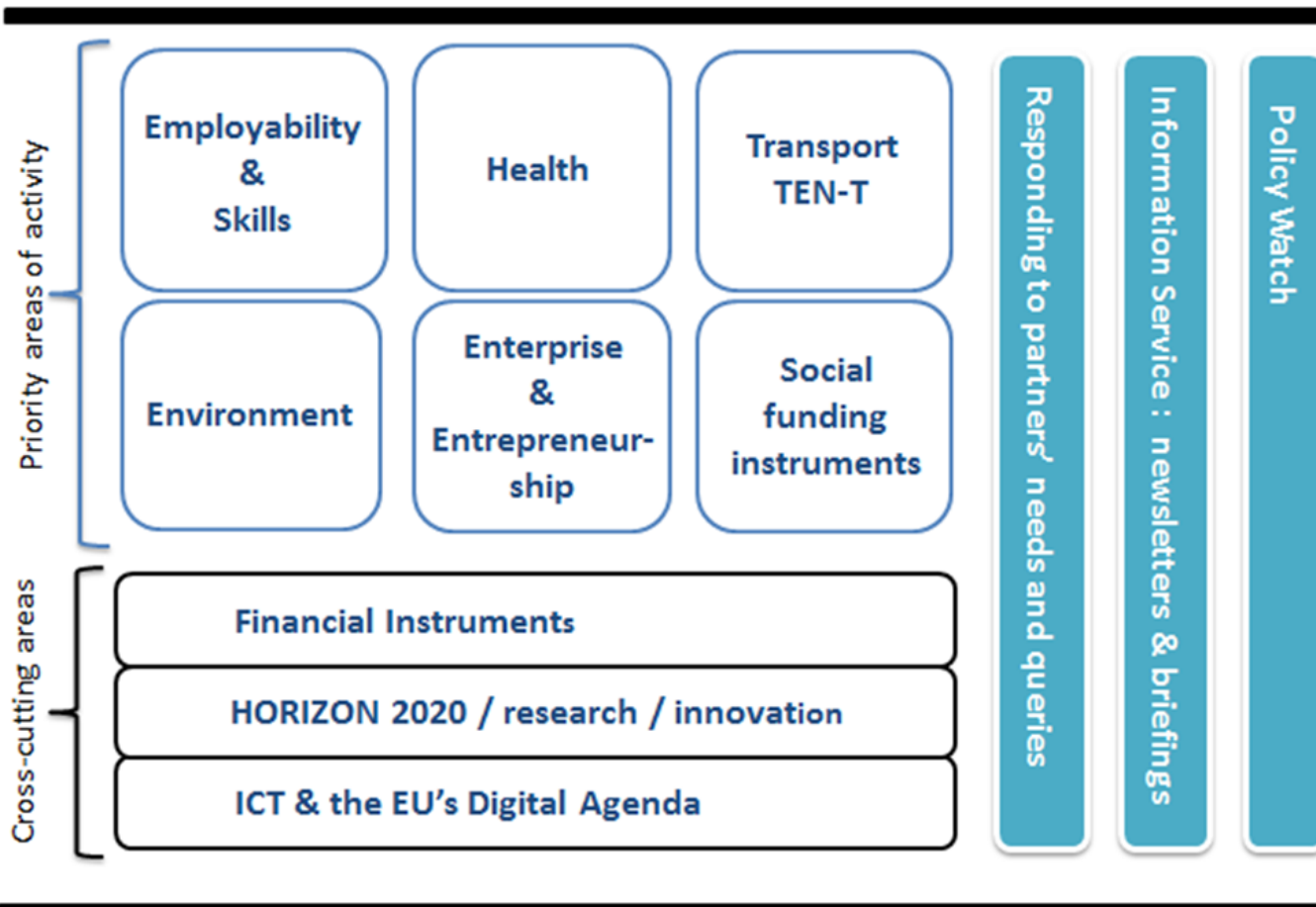
Senior European Policy Officer

# East of England European Team



# Priority areas of activity

East of England Brussels Office Business Plan 2014-15: priority areas of activity



# Subscribing partners...



**East of England**  
Local Government Association



**UEA**  
University of East Anglia



**East of England**  
European Partnership



**NEWANGLIA**  
Local Enterprise Partnership  
for Norfolk and Suffolk



**Anglia Ruskin University**  
Cambridge & Chelmsford



**Greater Cambridge  
Greater Peterborough**  
Enterprise Partnership



**University of Essex**



**Hertfordshire**  
Local Enterprise Partnership

# Some of the organisations we work with...



European Commission



Department for  
Communities and  
Local Government



Department  
for Business  
Innovation & Skills



**ERRIN** European Regions  
Research and Innovation Network



**euregha**  
European Regional and Local Health Authorities



**2 Mers Seas Zeeën**  
INTERREG IV A  
FRANCE - ENGLAND - VLAANDEREN - NEDERLAND

Have you participated before?

Do you have network contacts who are?

**What are you interested in?**

**What I will cover ...**

# What has EU research funding ever done for us..?



## FP7 contracts signed up to October 2012

- EU total funding = €29bn
- UK = **€4.4bn**
  - 7,073 Higher Education participations- €3.1bn
- East of England = **€ 511m**,
  - 1278 participations
  - €365m to Higher Education
  - €58m to SMEs



- 2014 – 2020
- €79 billion research and innovation funding programme (current prices)



# Horizon 2020



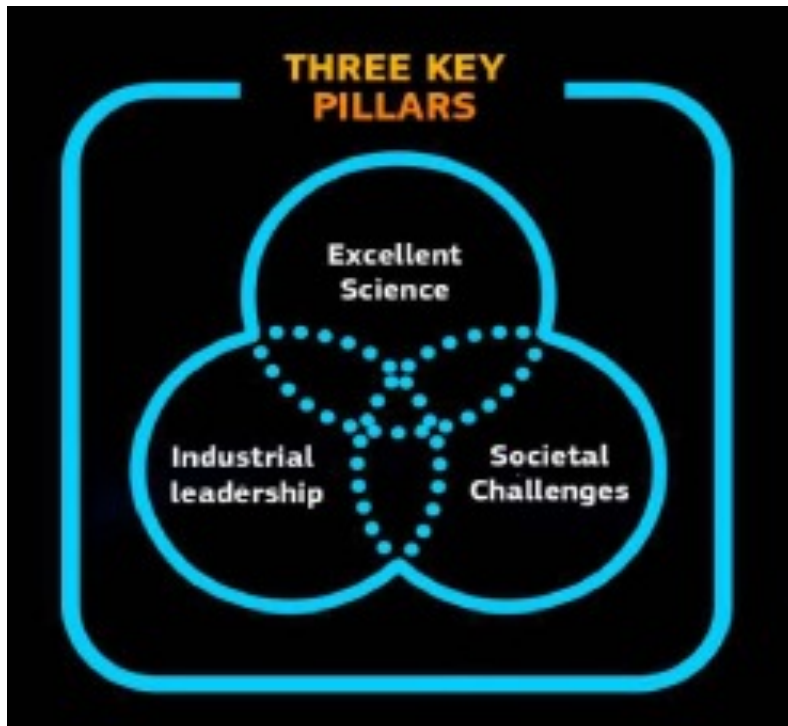
- A **single programme** (FP+CIP+EIT)
- Strong focus on ‘societal challenges’
- **Less prescription**: what, but not how
- More support for **innovation** and focus on bringing ideas to **market**
- More emphasis on: **Impact; Market opportunities; Multi-disciplinary approaches**
- More open, light & fast schemes
- **Simplified** and faster procedures
- One set of rules - easier access – easier applications – less reporting – shorter time to grant – quicker payments – fewer audits...



# Innovation...?

- Activities directly aiming at producing plans and arrangements for new, altered or improved products, processes or services.
- May include:
  - Prototyping, Testing, Demonstrating, Piloting
  - Large-scale product validation
  - Market replication

# The Three Pillars



- Excellent Science
  - 32 %
- **Industrial Leadership**
  - **22 %**
- Societal Challenges
  - 38%

# Priority 2 Industrial leadership

## Why?

- More innovative SMEs to create growth and jobs
- Strategic investments in “*key enabling technologies (KET)*” to underpin innovation across existing and emerging sectors
- Attract more private investment in research and innovation

# Priority 2 Industrial leadership

## What?

- **Leadership in enabling and industrial technologies**  
(€13bn):
    - ICT / Nanotechnologies, advanced materials, manufacturing and processing / Biotechnology / Space
  - Innovation in SMEs - fostering all forms of innovation in all types of SMEs
  - Access to risk finance – leveraging private finance
  - EU Grant to the European Institute for Innovation and Technology (EIT)
-

# **‘Leadership in Enabling and Industrial Technologies’ LEIT**

- Key enabling technologies and support to innovative SMEs to exit the economic crisis
- Emphasis on R&D and innovation areas with strong industrial dimension and based on industrial needs
- Involvement of industrial participants and SMEs to maximise expected impact
- LEIT projects should be outcome oriented and should bring close to application the technologies developed

# SME Instrument

# What is the SME Instrument?

- SME Instrument is designed for all types of innovative SMEs to develop ground breaking ideas for ***products, services or processes*** that are ready to face global market competition
  - Designed in cooperation with business community, with most of the application processes mirroring what would occur in the private financial sector
  - Instrument has budget of €3bn (£2.5bn) over the next seven years
  - Call continually open with four cut off dates per year
  - Instrument offers innovative and knowledge intensive SMEs the following ‘phased’ support...
-

# Phase 1 : Business Innovation Grant



- €50,000 (£41k) lump sum grant per project + coaching support for concept and feasibility assessment
- Duration: 6 months
- Explore IP regime, risk assessment, design study, develop pilot application etc
- Application via a ten page (max) business proposal and projects will last around 6 months
- No financial audits for grants at Phase 1
- Time to contract: 8 – 12 weeks



## Phase 2 : Business Innovation Grant



- €500,000 to €2.5m (£417k – £2.08m) + coaching support for demonstration, market replication and R&D
- Duration: 12 – 24 months
- Application via a 30 page business plan for 12-24 month long projects to support prototyping, testing, miniaturisation, scaling up, application development
- Grant typically represents 70% of project cost
- Time to contact: 150 days (max)

## Phase 3 : Risk Finance



- No direct grant funding
- Commission facilitates access to private capital, financial instruments and IPR protection
- Introduction to first customers and end users to support commercialisation
- Market maturity to market launch through the “Access to Finance” initiative at <http://access2eufinance.ec.europa.eu>

# Am I eligible?

- SMEs are not required to be solely research intensive, rather they should be looking to make an international impact with their innovative idea
- Commission defines an SME as a company with a **maximum of 250 employees** and either a **turnover** of no more than €50 million, or a **balance sheet** of less than €43 million
- Sole traders and micro enterprises are also eligible to apply.

# Calls 2014 & 2015

- Work Programme for 2014 & 2015 worth around €15 billion available online
- 2014 calls alone are worth around €7.8 billion, with most funding across the three “pillars”:
  - **Excellent Science:** Around €3 billion, including €1.7 billion for grants for top scientists;
  - **Industrial Leadership:** €1.8 billion;
  - **Societal challenges:** €2.8 billion for innovative projects in the areas of: health; agriculture, maritime and bioeconomy; energy; transport; climate action, environment, resource efficiency and raw materials; reflective societies; and security.

**Thank you for your attention!**

**[jonathan.millins@east-of-england.eu](mailto:jonathan.millins@east-of-england.eu)**