

2016

Better coordination of research and innovation policy and stimulating business investment in innovation

### **INVESTMENT IN R&D**

### **R&D SPENDING**

*R&D* intensity is below EU average, and its business component is very low, but the country has made progress towards its national target



# **STRENGTHS OF R&I SYSTEM**

### **SCIENCE & ENGINEERING SKILLS**

COMPUTER SKILLS

A strong human capital base is a key contributor to the innovation-driven growth in the country





Share of new graduates (per thousand aged 25-34) in science and engineering (2014)

% of population with high computer skills (2014)

### PUBLIC R&D SPENDING

### **DOCTORAL GRADUATES**





## **KEY CHALLENGES**

#### **QUALITY OF RESEARCH SYSTEM**

The quality of the public R&I system remains too low to be competitive



% of scientific publications that are highly cited (top 10%) in other publications (2013)



of scientific publications (2013)

### **PRIVATE SECTOR INNOVATION**

**PUBLIC-PRIVATE COOPERATION** 

Lithuania suffers from weak innovation performance and lack of solid academiabusiness cooperation



Innovativeness of high-growth enterprises (DYN) (2013)

population (2014)

1

Lithuania

0.5

Lowest

33.9

EU average

### RECOMMENDATIONS

### 2016 EUROPEAN SEMESTER – COUNTRY SPECIFIC RECOMMENDATION

Take measures to **strengthen productivity** and improve the adoption and absorption of new technology across the economy, as well as improve the coordination of innovation policies and encourage private investment, inter alia by developing alternative means of financing



https://rio.jrc.ec.europa.eu/en/country-analysis 

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