

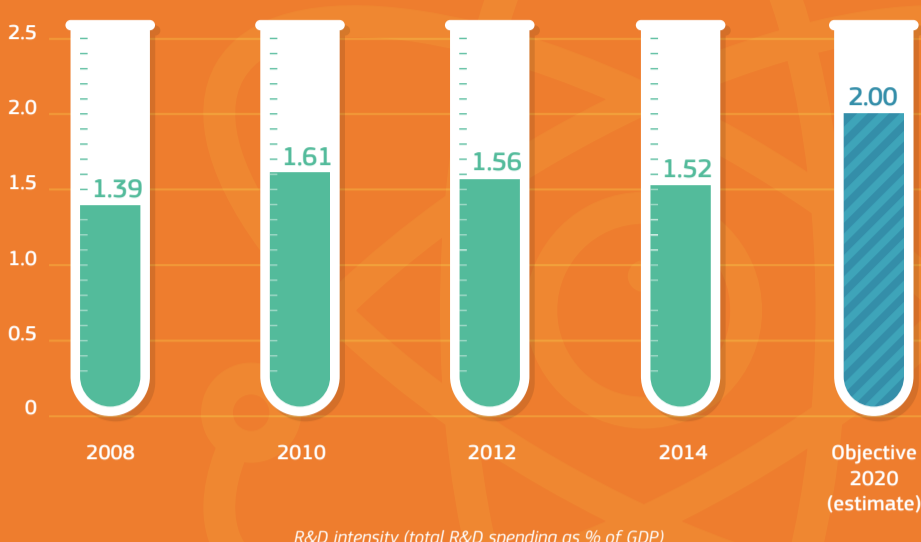
Ireland

Strengthening public support to R&D and innovation in local SMEs

INVESTMENT IN R&D

R&D SPENDING

While business R&D spending increased in recent years, public R&D expenditure declined, so Ireland has made limited progress towards its national target

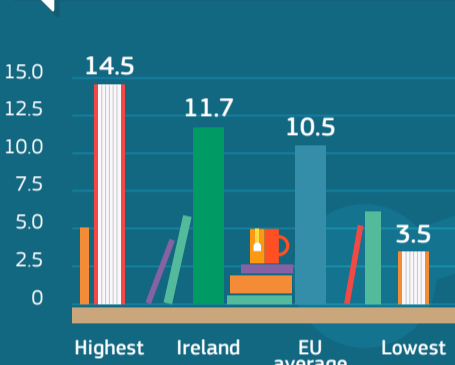


R&D intensity (total R&D spending as % of GDP)

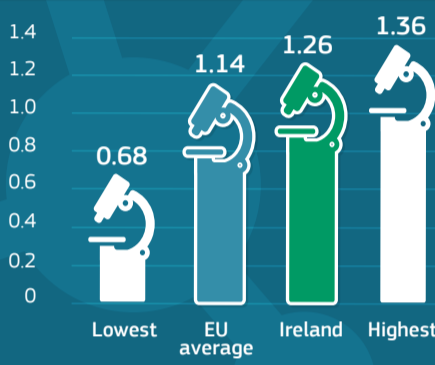
STRENGTHS OF R&I SYSTEM

QUALITY OF RESEARCH SYSTEM

Strong public research base with research excellence in a number of key strategic areas



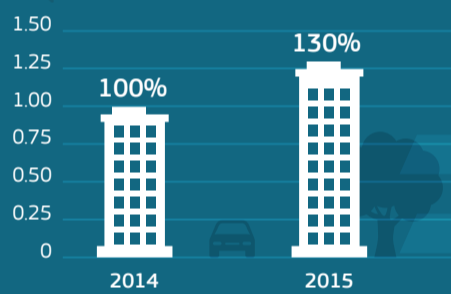
% of scientific publications that are highly cited (top 10%) in other publications (2013)



Average impact factor (ARIF) of scientific publications (2013)

SME LENDING

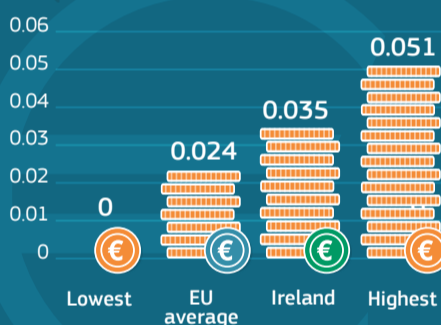
The SME lending market is still strong...



Gross new SME lending – year-on-year growth, with June 2014 as baseline level (Source: CBI)

VENTURE CAPITAL

...venture capital plays an important role in the Irish R&I system

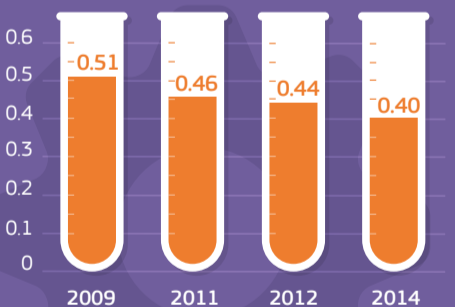


Venture capital (market statistics) as % of GDP (2015)

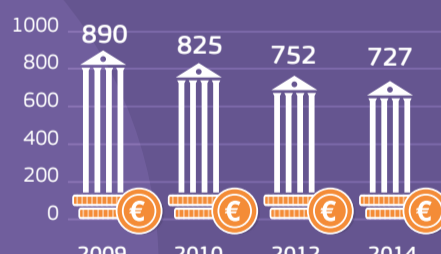
KEY CHALLENGES

PUBLIC R&D SPENDING

Declining trend in public R&D investment needs to be reversed



Public R&D intensity (public spending on R&D as % of GDP)



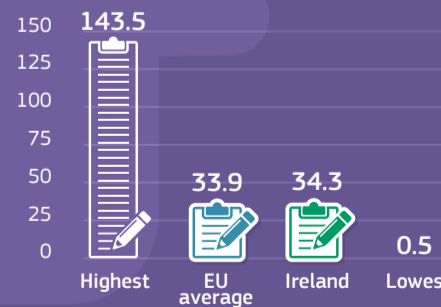
Public R&D appropriations (GBAORD) in € million

PUBLIC-PRIVATE COOPERATION

Low level of academia-business collaboration hampers knowledge circulation



Public-performed R&D financed by business, as % of GDP (2013)



Number of public-private co-publications per million population (2014)

RECOMMENDATIONS

2016 EUROPEAN SEMESTER – COUNTRY SPECIFIC RECOMMENDATION



Enhance the quality of expenditure, particularly by increasing cost-effectiveness of healthcare and by prioritising government capital expenditure in R&D and in public infrastructure, in particular transport, water services and housing