

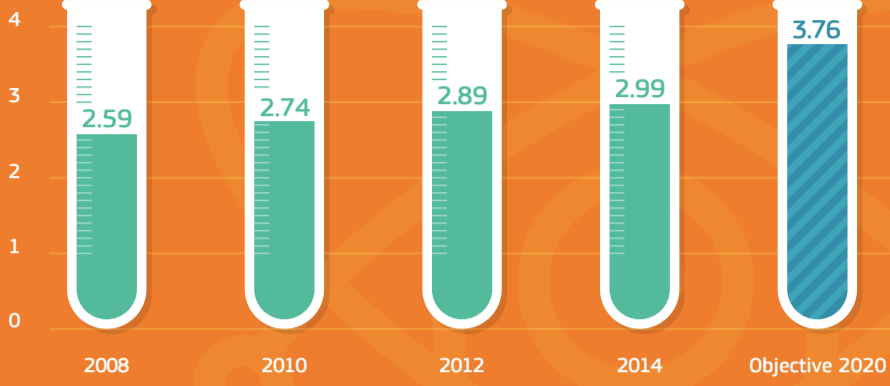
# Austria

Further enhancing innovation in a knowledge-intensive economy

## INVESTMENT IN R&D

### R&D SPENDING

Austria has the fourth-highest R&D intensity in the EU and has made progress towards its ambitious national target, but further efforts are needed

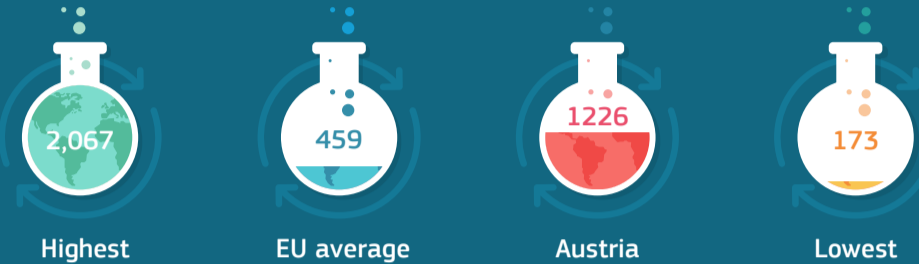


R&D intensity (total R&D spending as % of GDP)

## STRENGTHS OF R&I SYSTEM

### INTERNATIONAL COOPERATION

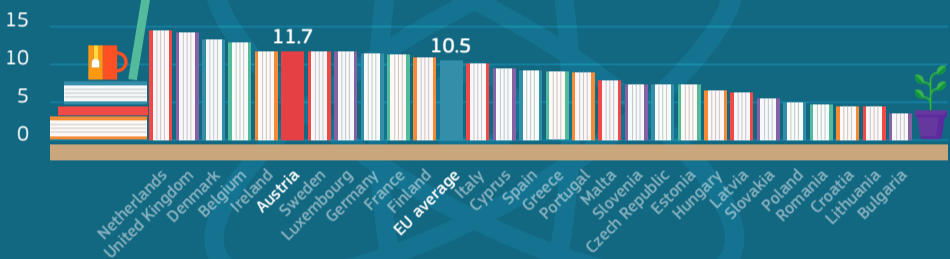
International scientific collaboration has strengthened Austria's research system



Number of international scientific co-publications per million population (2015)

### QUALITY OF RESEARCH SYSTEM

Austrian scientific publications are highly cited by other scientists, reflecting the country's strong public research system

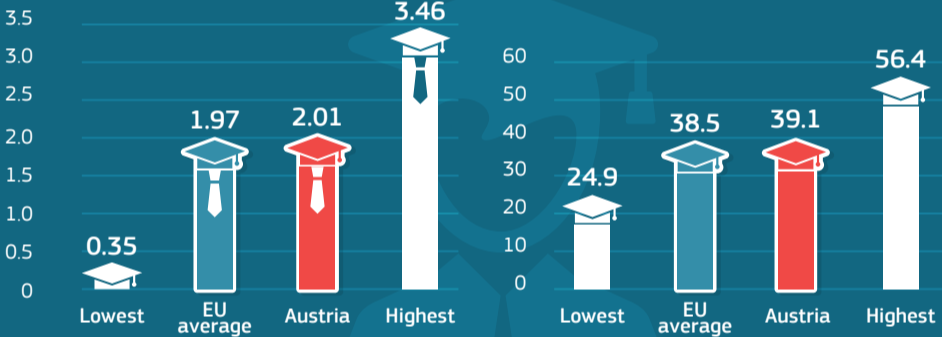


Scientific publications within the top 10% most cited worldwide as % of total scientific publications (2013)

### NEW DOCTORAL GRADUATES

### TERTIARY EDUCATION

High-quality human capital & skills availability are an added value for the national research & innovation system



New doctoral graduates per thousand of population aged 25-34 (2014)

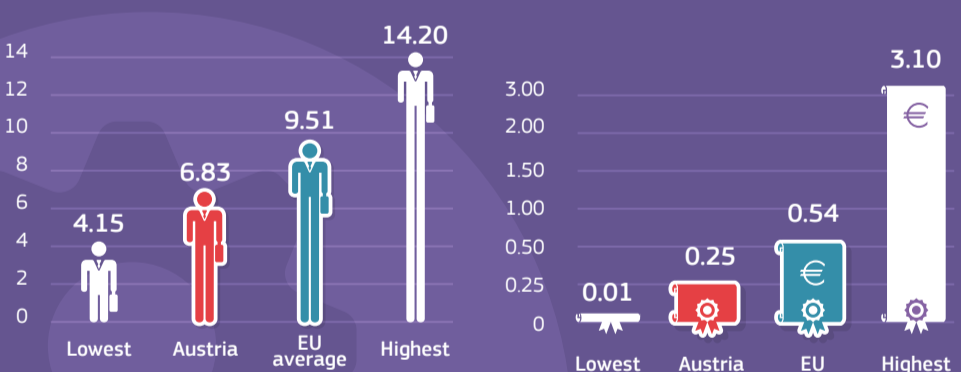
% 30-34-year olds who have graduated from tertiary education (2015)

## KEY CHALLENGES

### EMPLOYMENT IN HIGH-GROWTH ENTERPRISES

### LICENSE & PATENT REVENUES

Innovation performance does not yet match high R&D investment levels

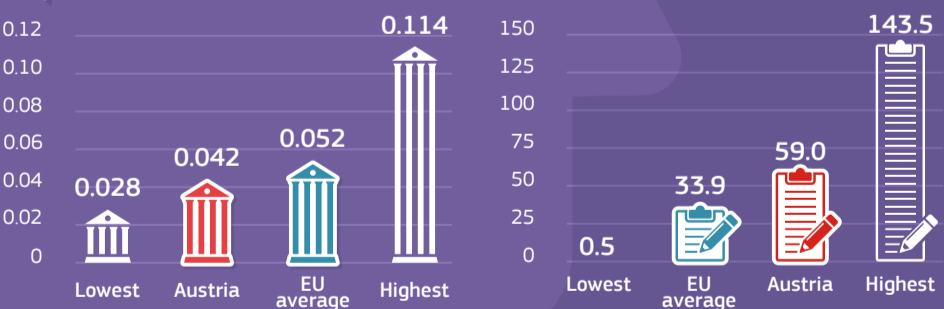


% of total employment in high-growth enterprises (2013)

License and patent revenues from abroad as % of GDP (2014)

### PUBLIC-PRIVATE COOPERATION

Stronger cooperation between public research and business could boost innovation and the economy



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

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

## RECOMMENDATIONS

### ROOM FOR IMPROVEMENT

- € **Improve framework conditions** for start-ups and innovation performance
- Boost cooperation** between public research and business and **facilitate knowledge circulation**

### HORIZON 2020 POLICY SUPPORT FACILITY ACTIVITIES

- Austria has participated in the **Mutual Learning Exercise** on **performance-based funding of public research**