



THE GOVERNMENT  
OF THE GRAND DUCHY OF LUXEMBOURG  
Ministry of State

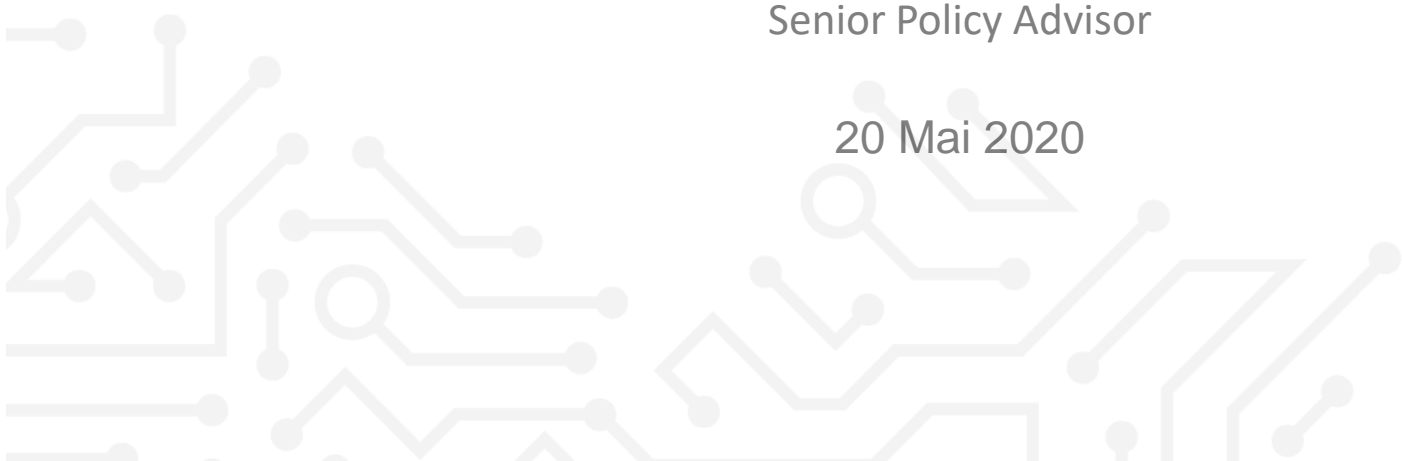
Department of Media, Telecommunications  
and Digital Policy



# Policy responses to new skills needs

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# Digital Skills Policy

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youth

And Education

Einfach Digital: coding &  
app-based learning

2

ICT professionals

Attract high skilled  
workforce; Promote  
STEM skills and jobs

3

Labour force

Upskilling employees +  
jobseekers

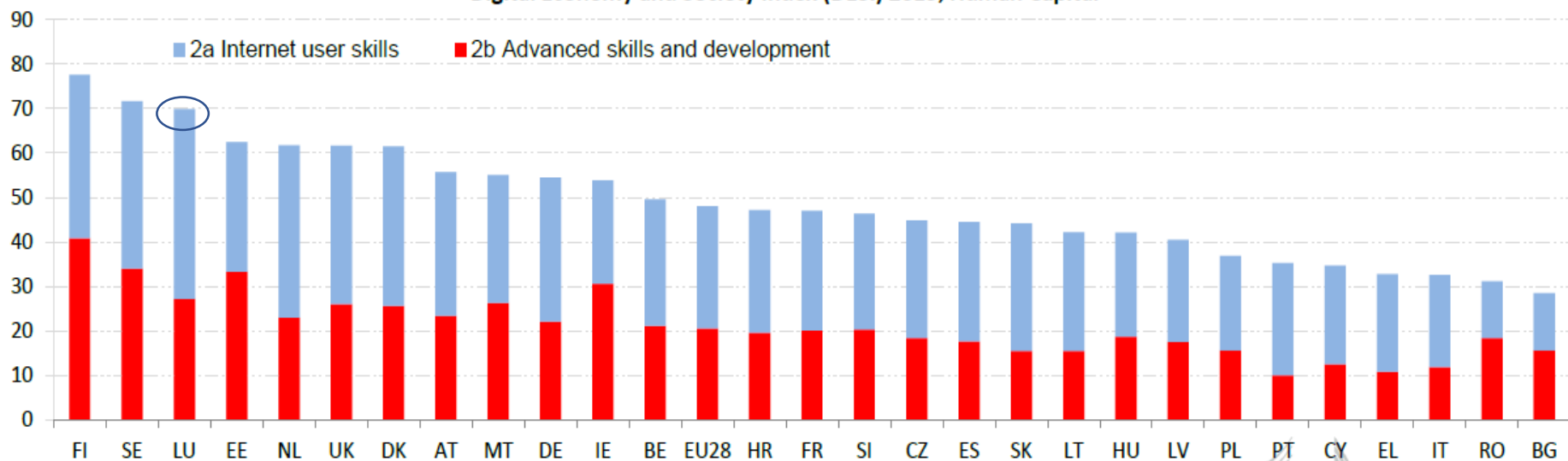
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Broad society

Promoting digital skills,  
Elements of AI

Digital Economy and Society Index (DESI) 2019, Human Capital

Source: DESI 2019, European Commission



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## Policy responses for new skills needs

Growing research and industry 4.0 activity in AI  
call for **new levels of skills**

It is important to provide a  
**full spectrum of advanced digital skills: from  
primary school towards lifelong learning**

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Einfach digital !

## common coding projects with Digital Luxembourg

- Matchmaker platform:** to help teachers in coding workshops
- LuxTechSchool:** 3-months course combining programming, business with game, big data, fintech and AI training for tomorrow's digital leaders (extra-curricular)
- CodeStart:** Programming courses for motivated high school students
- Modi :** 15 pilote primary schools to test intelligent blocks with coding and LEGO





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## Industry 4.0

- AI Academy de Devoteam / Microsoft
- NVIDIA Deep Learning Training  
for research and industry
- KI Campus
- Elements of AI: [www.elementsofai.com](http://www.elementsofai.com)



[www.digitalcoalition.lu/](http://www.digitalcoalition.lu/)

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enabling



**Thank you!**

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