



# Hva som skjer i Europa innen KI? Forslag fra EUs ekspertgruppe på KI

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# KI-kappløpet: USA, Kina og EU



**The world leader**



**The ethical approach**



**Future AI super power**

# EU CHALLENGES

**Staying at the forefront of AI scientific development**

**Digital technology leadership and innovation**

**Scattered effort vs. fierce international competition**

**Attracting and retaining talent**

# EU strategy for AI



## A STRATEGY FOR EUROPE TO LEAD THE WAY

**Boost  
technological  
and industrial  
capacity & AI  
uptake**

**Prepare for  
socio-  
economic  
changes**

**Ensure an  
appropriate  
ethical & legal  
framework**

**Coordinated Plan on Artificial Intelligence**

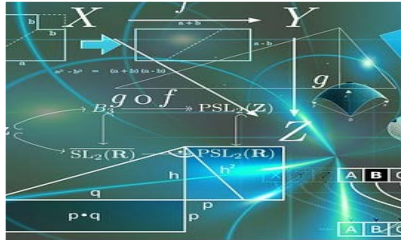
Brussels, 7.12.2018  
(COM 2018) 795 Final

**Artificial Intelligence for Europe**

Brussels, 25.04.2018  
(COM 2018) 237 Final

€1.5 billion EC investments into AI in 2018-20

**70% INCREASE OF ANNUAL INVESTMENT**



**Basic and industrial research**  
(health, transport, agriculture, manufacturing, etc.)



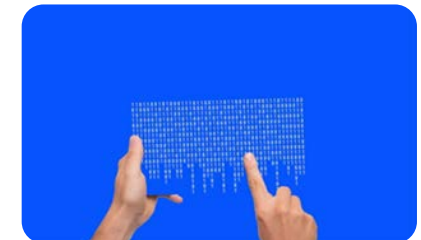
**AI-on-demand platform**



**Network of AI-focused Digital Innovation Hubs (DIHs)**



**Strengthening AI excellence centres**



**Setting up an industrial data platform**

**Beyond 2020:**  
**Increasing investments to €20 billion / year (PUB & PRIV)**





# The **High-level Expert Group** on **Artificial Intelligence** will:



Advise on AI-related challenges & opportunities



Propose draft AI ethics guidelines



Engage with members of the European AI Alliance

#AI |





INDEPENDENT  
**HIGH-LEVEL EXPERT GROUP ON  
ARTIFICIAL INTELLIGENCE**  
SET UP BY THE EUROPEAN COMMISSION IN JUNE 2018



**ETHICS GUIDELINES  
FOR TRUSTWORTHY AI**







# AN EYE ON AI

## 4 Ethical Principles

Is human in the loop?

Is it safe and secure?

Is it fair?

Is it easy to understand?



**HUMAN AUTONOMY**



**PREVENTION OF HARM**



**FAIRNESS**



**EXPLICABILITY**

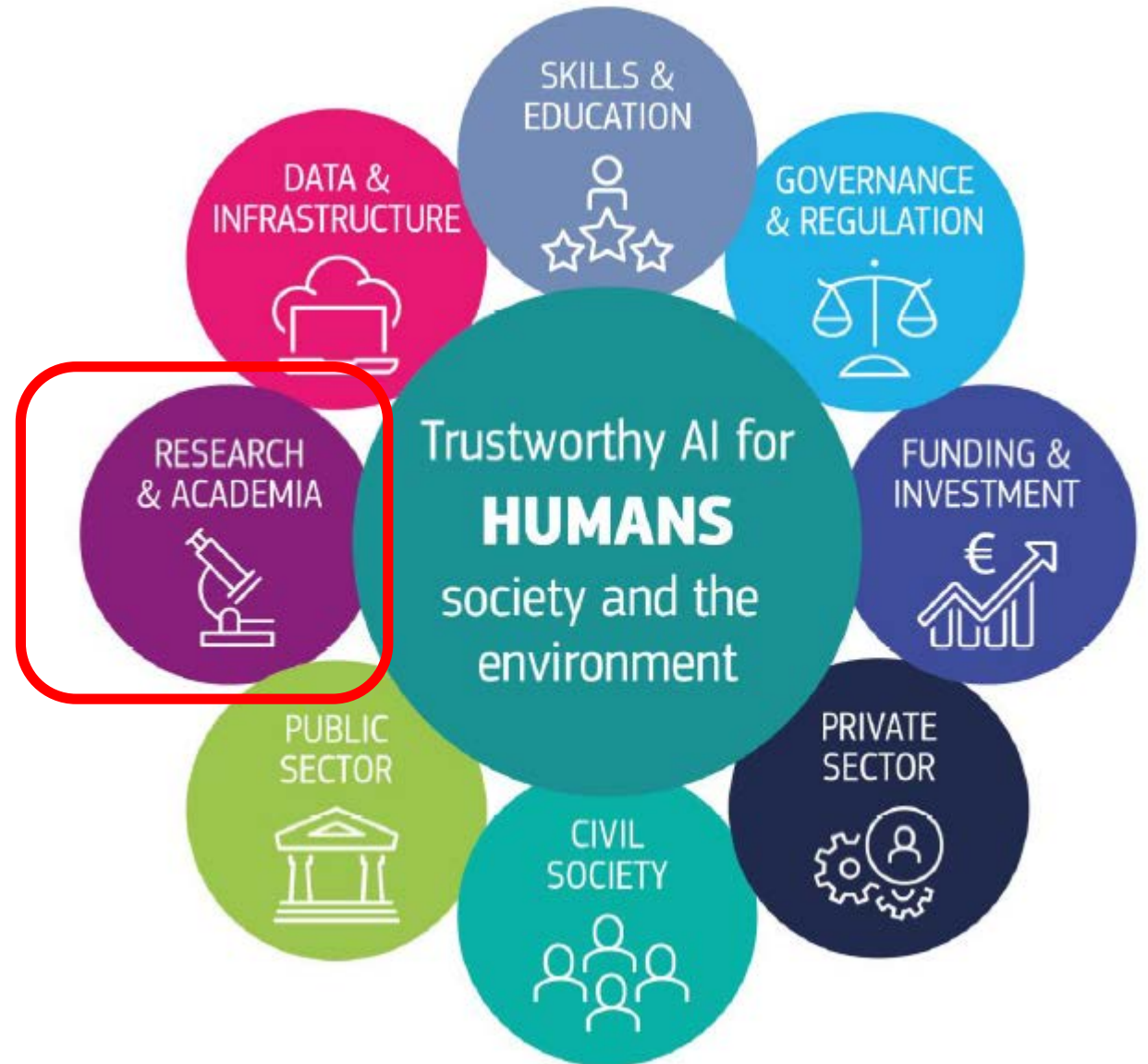




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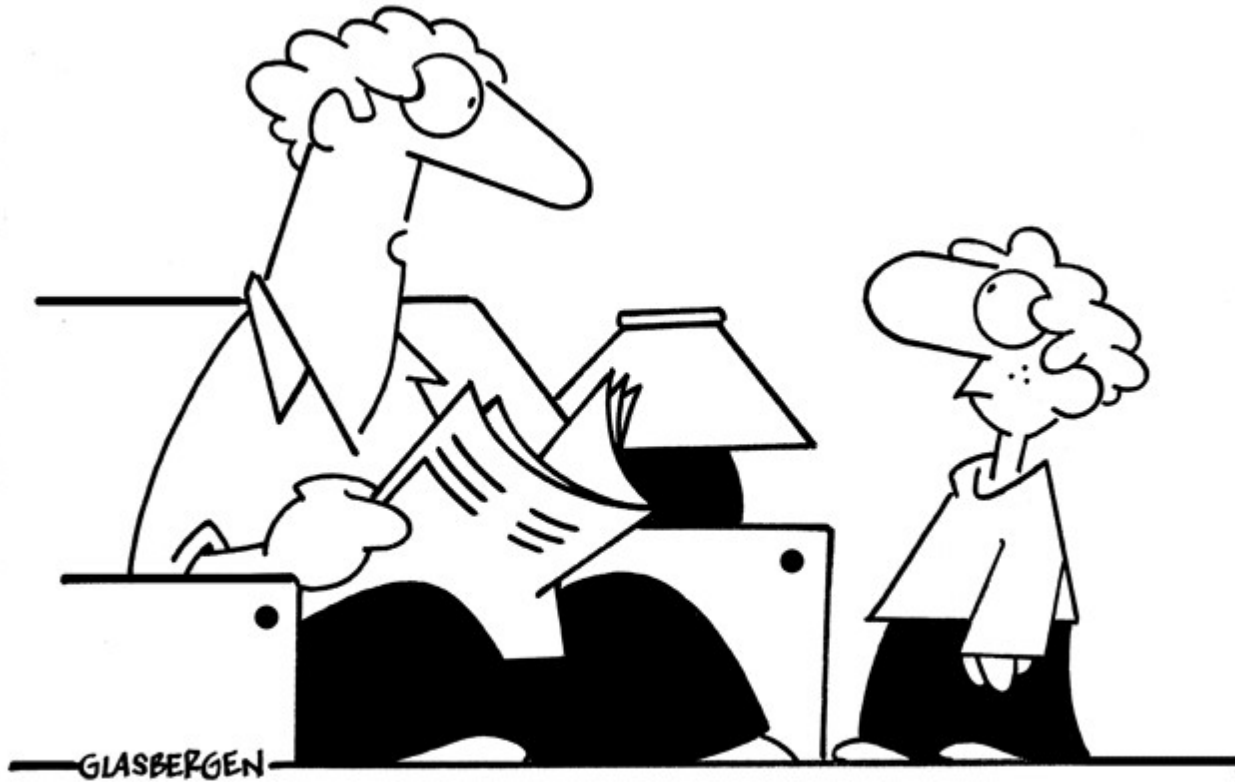


**POLICY AND INVESTMENT RECOMMENDATIONS  
FOR  
TRUSTWORTHY AI**





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***“Artificial intelligence is when you get a college degree,  
but you’re still stupid when you graduate.”***

Thank  
You