



European  
Commission

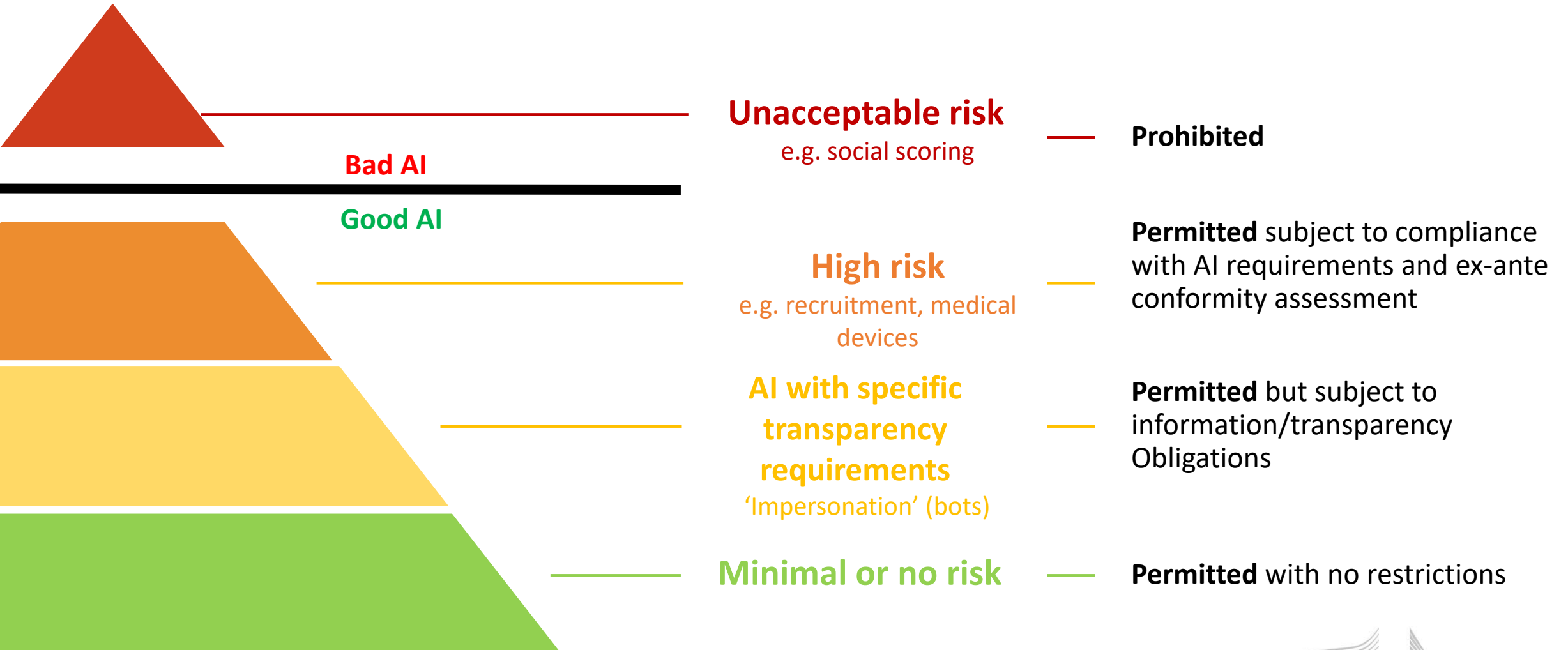
# SHAPING EUROPE'S DIGITAL FUTURE

# Artificial Intelligence Act

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# A risk-based approach to regulation



# High-risk Artificial Intelligence Systems (Title III, Annexes II and III)



Certain applications in the following fields:

## 1 **SAFETY COMPONENTS OF REGULATED PRODUCTS**

(e.g. medical devices, machinery) which are subject to third-party assessment under the relevant sectorial legislation

## 2 **CERTAIN (STAND-ALONE) AI SYSTEMS IN THE FOLLOWING FIELDS**

- ✓ Biometric identification and categorisation of natural persons
- ✓ Management and operation of critical infrastructure
- ✓ Education and vocational training
- ✓ Employment and workers management, access to self-employment
- ✓ Access to and enjoyment of essential private services and public services and benefits
- ✓ Law enforcement
- ✓ Migration, asylum and border control management
- ✓ Administration of justice and democratic processes

# Requirements for high-risk AI (Title III, chapter 2)



Establish and  
implement **risk  
management**  
processes

&  
In light of the  
**intended  
purpose** of the  
AI system

Use high-quality **training, validation and testing data** (relevant, representative etc.)

Establish **documentation** and design logging features (traceability & auditability)

Ensure appropriate certain degree of **transparency** and provide users with **information** (on how to use the system)

Ensure **human oversight** (measures built into the system and/or to be implemented by users)

Ensure **robustness, accuracy** and **cybersecurity**



Thank you