

European Al Moonshot

A Vision for sustainable growth and welfare

adr-association.eu



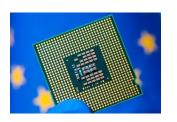




Global tech revolution – Global crisis

Al, Data, Robotics Forum #ADRF23

- Globalization resulting Europe more sensitive to world conflicts and global disruption.
- EC is reacting to many of the challenges



European Chips Act





EU strategic resilience in pharmaceuticals









Coordinated Plan on Artificial Intelligence 2021:
Predecessor of ADRA

- A tipping point with generative AI is hitting our mainstream society.
- Countries investments and strategies to capture the deep shifts



US first AI executive order: 30.10.2023



China big AI /computing buildup plan; Oct. 2023











And few other countries

Challenges, risks and threats



 Emerging developments around generative AI are not obvious to be captured by current disparate short-term programmes as they need combined efforts of many organisations and individuals, over an extended period of time.



- The fragmented efforts in Europe may not be able to maintain the European technological leadership around control points along the AI value chain.
- Predicted displacement of jobs due to Al should be compensated by creating new jobs around technology export, which need a holistic plan on investment for Al.



Sovereignty and resilience of Europe is completely dependent on strategic investments on Al



The proposed solution



We need to develop a specific new programme which is:

- Long term and flexible in content
- Able to quickly react and adapt to the rapid changes in AI developments
- Able to deliver on the agreed goals and at the agreed time

We call this programme **European Al Moonshot**.

We believe, this is the only way to capture the current and emerging deep-shifts in an effective way









European Al Moonshot



- 10-year programme with focused investment towards specific control points to stimulate power.
- Funding from EC, public and private bodies. Public and private contributions can be (e.g. Cash, inkind, infrastructures).
- Yearly investment of 5B€ from EC and over 5B€ from private and other public bodies over a decade
- Think long-term, but exploit short-term market power where possible for business development.
- Synergy with EC strategies (e.g., EU Chips Act, Critical materials, EuroHPC,...) for increasing impacts.
- Professional governance with clear and transparent process and workplan.
- Reactive to new discoveries and attracting talents with creative thinking.
- Smart cost control and smart investment with intermediate milestones and reviews.
- APIs, toolboxes, hardware elements and standards as example results.

strategic control points along Al value chain

Al Moonshot





- Program managed by ADRA with steering from EC, industries, SMEs and other selected bodies
- Projects generated along the control points through joint call for tenders and investment organized by ADRA
- Coordination across control points managed by ADRA.
- Infrastructures developed under ADRA supervision and coordinated with EuroHPC initiative





Sep 2023

Oct 2023

Nov 2023 Dec 2023 Jan 2024 Feb 2024

Mar 2024

Preparatory work

Brainstorming on AI Moonshot
Discussions with ADRA directors
Elaboration of a first inputs from
industries in two workshops
Discussion with SRIDA Editorial team
First concept note as PPT

(~First draft in SRIDA 25-27; First concept note to be presented at ADRF)

Building Alliances

Feedback from EC representatives
Setup a coordination team
3-4 Workshops with industries for developing the concept further
Consolidation with founding organizations
Setting up alliance with other initiatives
Developing the concept
(~detailed)

(~detailed concept; 5 pages summary handed to EC)

Finalization of the proposal

Building a detailed implementation plan Setting up the management structure Setting up the goals and process Developing the AI moonshot document

Final AI Moonshot document and management structure and plan





If you want to be part of the next European moonshot... Join Adra!



Thank you



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