JEDI

**JOINT
EUROPEAN
DISRUPTIVE
INITIATIVE**

Auf zur Attacke
Emmanuel Macron
nimmt den Kampf gegen
die USA und China auf
und will europäische
digitale Champions
schaffen

Ehrgeizige Ziele
Angela Merkel will laut
Koalitionsvertrag mit
der SPD Deutschland zu
einem global führenden
Standort für künstliche
Intelligenz machen

THE CHALLENGE

Europe is losing the technological battle, key for future growth & sovereignty
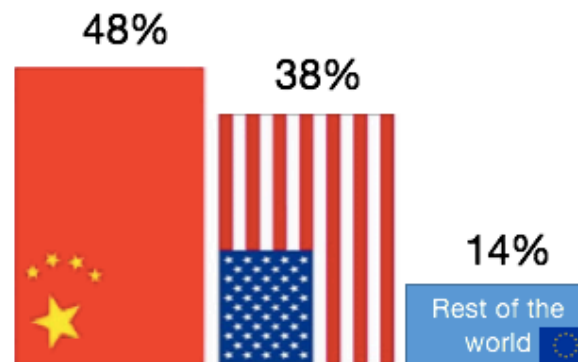

The Economist — The battle for digital supremacy

All indicators show that Europe is losing the Tech battle

Tech is about growth but also increasingly political : cyber, fake news, future jobs

Market Capitalization (billion $)

GAFA+BAT	4171
CAC 40	1564
DAX 30	1281

Market Capitalization (billion $)

48% 38% 14% Rest of the world
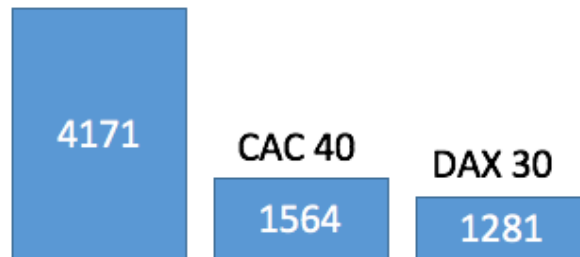
Venture Capital investments in AI, 2017

1	Apple	🇺🇸	Tech
2	Alphabet	🇺🇸	Tech
3	Microsoft	🇺🇸	Tech
4	amazon	🇺🇸	Tech
5	facebook	🇺🇸	Tech
6	BERKSHIRE HATHAWAY INC.	🇺🇸	Finance
7	ExxonMobil	🇺🇸	Energy
8	Johnson&Johnson	🇺🇸	Health
9	Tencent 腾讯	🇨🇳	Tech
10	Alibaba.com	🇨🇳	Tech

10 largest companies in the world

THE GOAL
Make Europe Lead again through disruptive innovation

WINNER TAKES ALL

Disruptive innovation is no more luxury but a must :
a huge chance for Europe to leapfrog by investing in Moonshots
& develop the "Next Big Thing" that will change the world

What is currently done in Europe : decide slowly, invest small & fragmented,
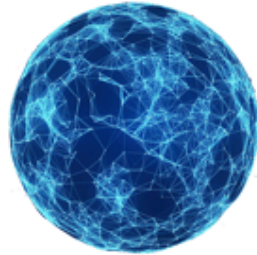no follow up, time does not matter, research papers

What we need to do: decide fast, think out of the box, take massive risks,
invest boldly, be demanding (coaching), focus on speed, prototyping

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THE CONCEPT (1): THE EUROPEAN MOONSHOT FACTORY
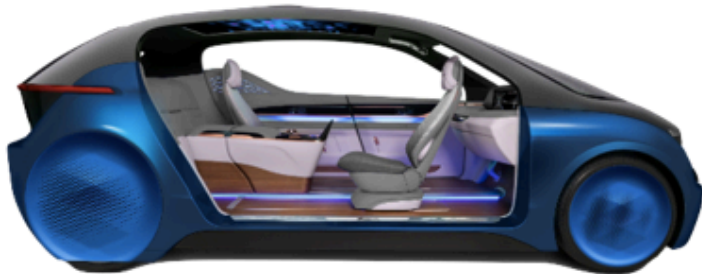Investing in what is too long-term or too risky for the private sector

Siri

The Internet

Drones

DARPA

Driverless Cars

GPS

THE CONCEPT (2): THE DARPA METHODOLOGY

Key success factors : Speed, Boldness, Independence, Fail fast

Challenges launch → **Pitch submissions** *6 weeks* → Shortlist selection → **Complete applications** *6 weeks* → Financing (€10-20M) → **R&D on Moonshots** *6-36 months* → Prototype → **VC Financing Industry Financing**

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THE CONCEPT (3): DEEPTECH FOR GOOD

4 Big Missions endorsed by European citizen

Big Missions

Possible Challenges

Decarbonating the World	Massively Improving Health	Human-Centric Digital Transition	New Frontiers
5x more performing batteries	Injectable curative Agents	Privacy respectful public space surveillance (Smart Data)	Removal of Space Debris
10x less energy consumption with blockchain	Predictive medicine with IA	AI Autoprotection of IT systems	3x cheaper Low Earth Orbit Acess
10 times less consumption in data	Replacement of Glyphosate	Industrial Cobotics	Quantum Satellite Link
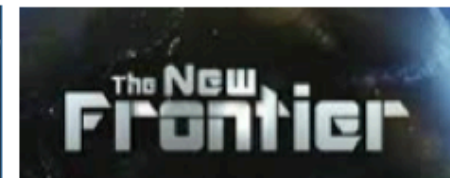
JEDI IS THE PRECURSOR OF A EUROPEAN AGENCY (1)
Sponsored by the Public hand, run by the Deeptech Ecosystem

A new partnership model between Governments who act long term & Civil society with agility & expertise

JEDI brings together the deeptech ecoysystem (100 leaders of most deeptech startups, research centers, tech corporates)

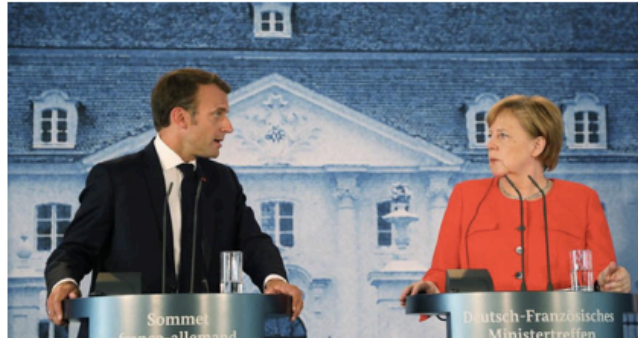JEDI has pre-identified 15 potential Programme Managers to coach the financed projects

▶ **WE ARE READY**

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JEDI HAS CHANGED THE LANDSCAPE IN 8 MONTHS (1)

6 major political achievements

9/2017: President Macron proposes French-German agency for disruptive innovation

6/2018: political impetus for joint disruptive innovation pilots at French-German Summit

6/2018: Chancellor Merkel backs French-German agency for disruptive innovation

4/2018: Germany backs concept of disruptive innovation agency

10/2018: Commissionner Moedas adds disruptive innovation to European strategy

1/2018: Bundestag & Assemblée Nationale put agency for disruptive innovation as core part of new Elysee Treaty

JEDI HAS CHANGED THE LANDSCAPE IN 8 MONTHS (2)
Very strong interest by European & global media

Le Point
JEDI veut réarmer l'Europe dans la guerre technologique

Frankfurter Allgemeine
Künstliche Intelligenz ist eine Riesenchance für Deutschland

FOCUS
Geheimprojekt „Jedi"

POLITICO
Europe channels its JEDI in effort to become innovation leader

Bloomberg
There Are Worries European Technology Will Be Left Behind

Forbes
The Fight For Europe's Future: Digital Innovation Or Resistance

LA TRIBUNE
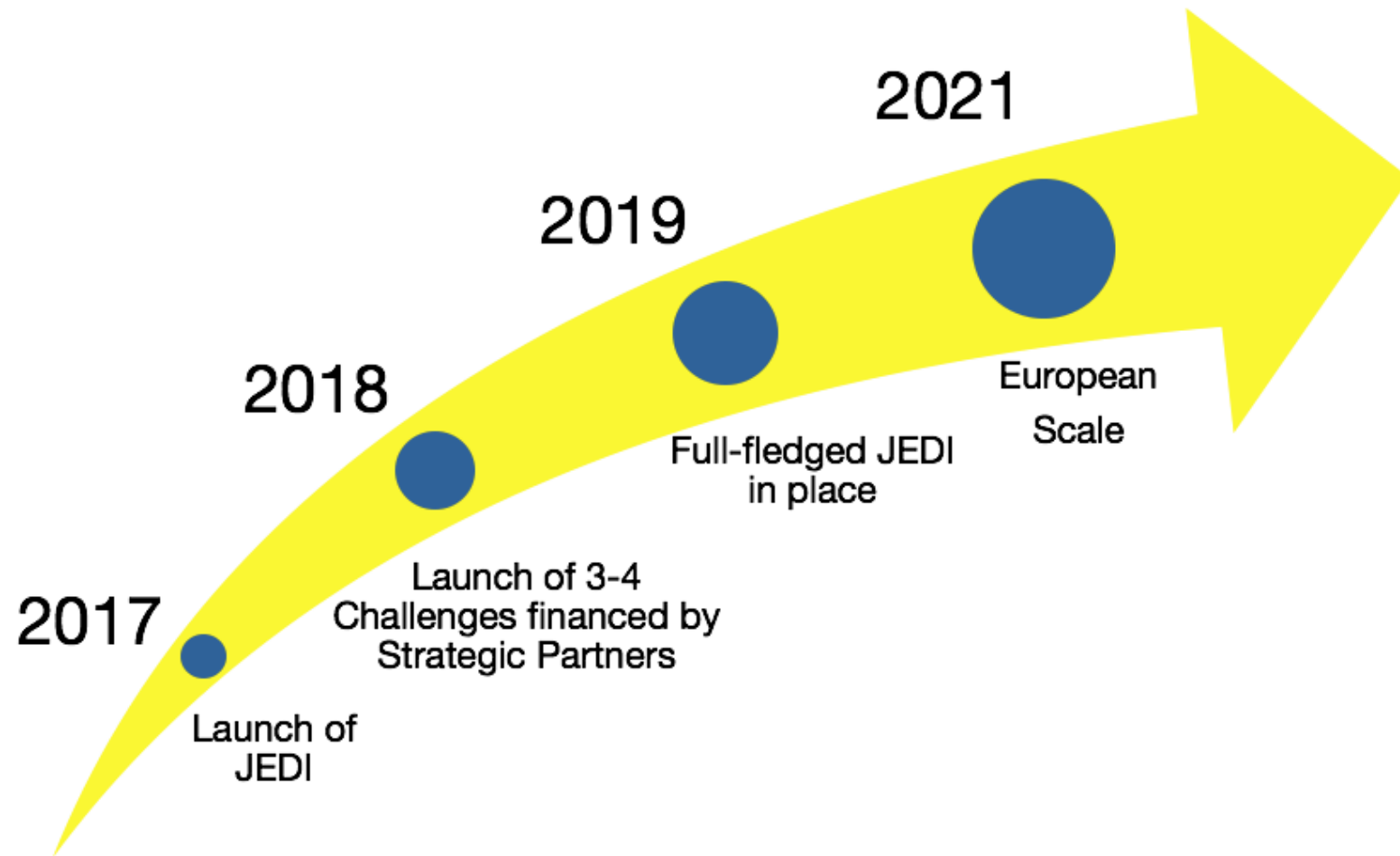L'Europe doit reprendre le leadership technologique

Challenges
Avec J.E.D.I., l'Europe contre-attaque

"L'Europe devient une colonie numérique des Américains ou des Chinois" le JDD

JEDI ROADMAP

1 billion Euro/year for 50-70 challenges launched every year

2021

2019

2018

European
Scale

Full-fledged JEDI
in place

2017

Launch of 3-4
Challenges financed by
Strategic Partners

Launch of
JEDI

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JEDI LAUNCHPAD 2018 (1)
Financed by Visionnary Leaders

- JEDI will launch 3-4 Challenges in Q3 2018 to show the urgency & clear the way for the Public Hand

- Strategic Partners = Regions/Bundeslaender, Foundations, Business Leaders that understand the urgency for Europe & the critical importance of technology leadership as a social good

- Selection by JEDI Executive Committee (EC): 8 people, mix of highly experienced scientific/VC/startup leaders

- Each Strategic Partner will finance part (minimum 3 ME) or the whole (10 ME) of a Challenge over 24-36 months

Challenges launch | Shortlist By EC | Financing by SP (€10M) | Prototype

Pitch submissions *Q3 2018*

Complete applications *Q4 2018*

R&D on Moonshots

VC Financing Industry Financing

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