

2020 Atos IT Challenge the 1st international student competition dedicated to technological innovation



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#AtosITChallenge

Trusted partner for your Digital Journey

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About Atos



Atos ID card



Note: Data as of December 31, 2018

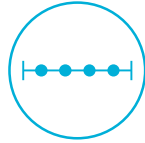
1) First European player 2) Pro-forma Syntel acquisition

Our differentiator



Leading Innovation

- ▶ **Only digital services company** to aggressively invest in innovation at scale
- ▶ **Circa €1 billion R&D spend over 4 years**, circa 5,000 innovation patents
- ▶ First company to set up an internal **Scientific and expert community**



Unmatched Breadth

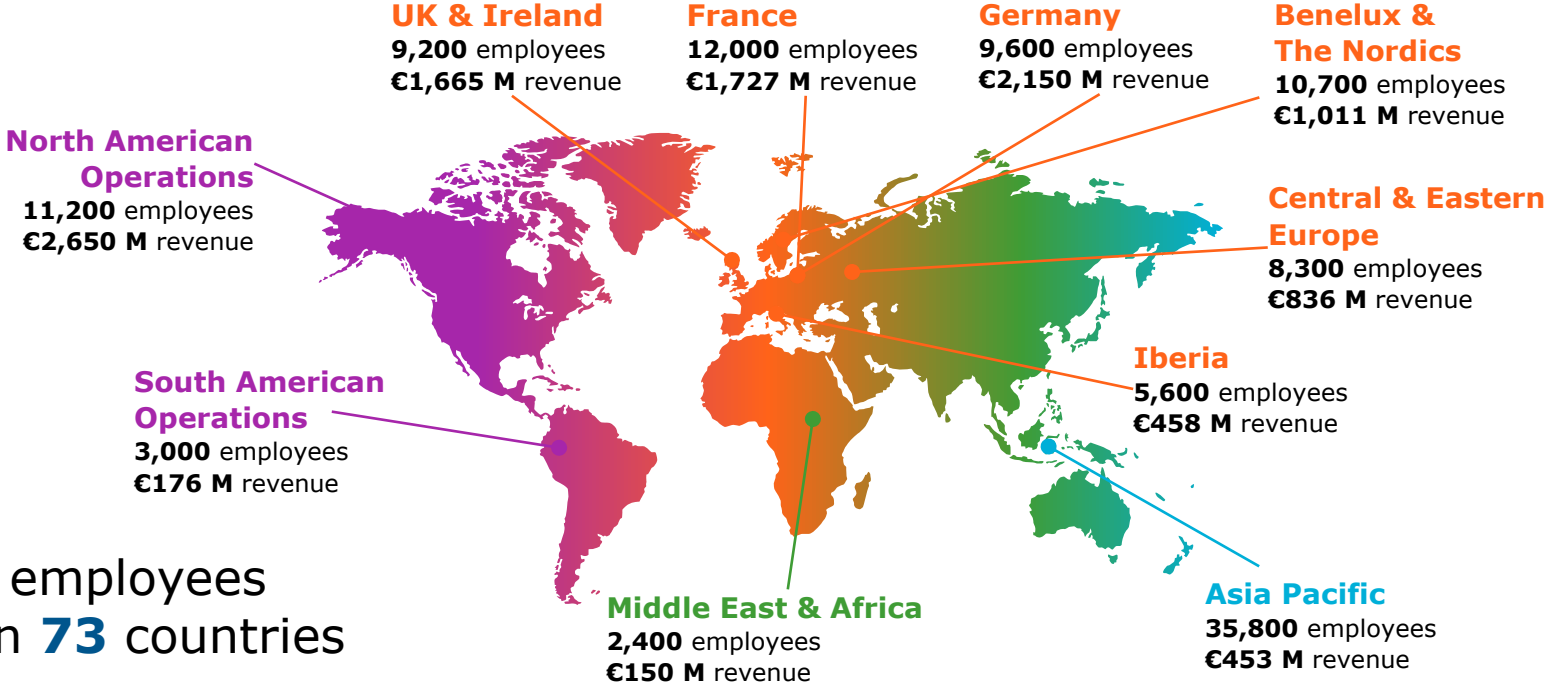
- ▶ **Only IT company to manage the whole value chain of data**
- ▶ **Proven specialized industry-specific solutions and services portfolio**
- ▶ **Global presence** in 73 countries, circa 110,000 experts worldwide



Trusted Partnership

- ▶ **We** invest in trusted **long-term relationships**
- ▶ Established world-renowned partnerships with Siemens, Worldline, Google Cloud
- ▶ Building partnerships with clients and start-ups

Our international presence



110,000 employees
working in **73** countries

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IT Challenge edition 2020



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What is the challenge all about?



An international competition

For students from all around the world in Austria, Brazil, China, France, Germany, India, Netherlands, Russia, South Korea, Spain, Turkey, UK, US...



Support for the Student teams from experts in the Scientific Community

To help the students in developing their ideas



A challenging contest

Challenging not only students innovation qualities but also development and business, offering an unique learning experience



An amazing reward program

1st : 10,000€

2nd : 5,000 €

3rd : 3,000 €

+ Invitation to the Awards Ceremony in Paris

+ Work experience and opportunities within the Atos Group

The theme:

Cooperative Artificial Intelligence

Artificial Intelligence is set to become one of the most disruptive technological developments ever.

Artificial Intelligence is comprised of a number of technologies and algorithms that analyses data and gives computers the ability to “learn”. AI is already being applied in many areas including Medical Diagnosis, Fraud Detection, Driverless Vehicles, Security Surveillance and Video Gaming.

Increasingly we will see otherwise disparate AI solutions **cooperating** with each other to share information and make joint decisions. The concept of Swarm Intelligence has been around since the late 1980’s and has been used to describe the collective behaviour of decentralised, self-organising systems whether they be natural or artificial. Combine this thinking with AI and the Internet of Things and we could have the next evolution of intelligent computing paradigms.

The Challenge:

Cooperative Artificial Intelligence

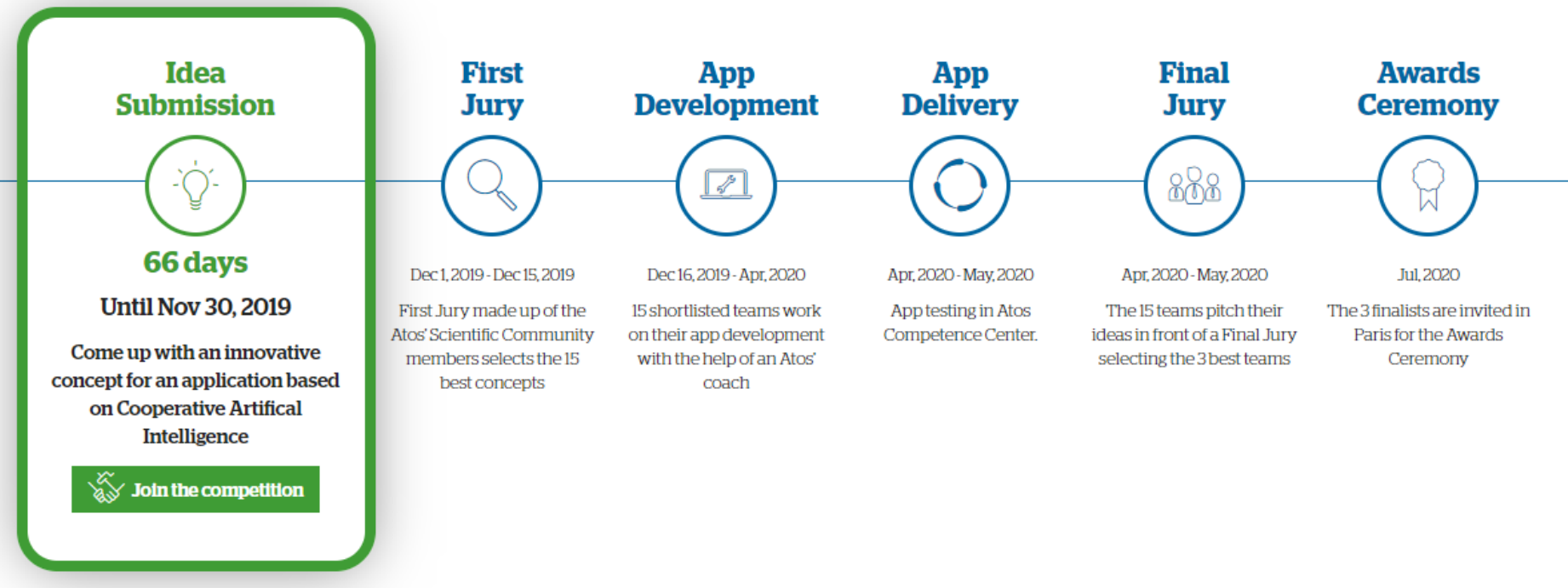
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Devise an innovative use case and build a prototype which demonstrates Cooperative Artificial Intelligence. Show how you could further develop your solution and take it to market.

You may wish to use Google's Machine Learning and Tensor Flow framework, or other Machine Learning services from the likes of Microsoft or Amazon.

We are looking for interesting applications that could have immediate and impactful real world applicability.

The challenge is split into main 6 phases



Getting your tickets for the development phase

First jury roadmap

- ▶ Alignment with the **theme** 5pts
- ▶ **Benefit of the service** for **end-users** (Usefulness, novelty) 5pts
- ▶ **Benefit of the service** for **business partners** 5pts
- ▶ Personal **feeling** (Originality, I like it...) 5pts
- ▶ Reality of **business model** (Feasibility, market size, risks, ...) 5pts
- ▶ Technical **feasibility** (Architecture, project plan...) 5pts

More information

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Join the Atos ITChallenge



- ▶ Add to your resume an **unique experience** that will make the difference
- ▶ Meet **professionals, experts, students** that will change you
- ▶ Take the chance to **develop your own project** and win a great reward



Any questions?
Contact us: itchallenge@atos.net



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