

# ANITI

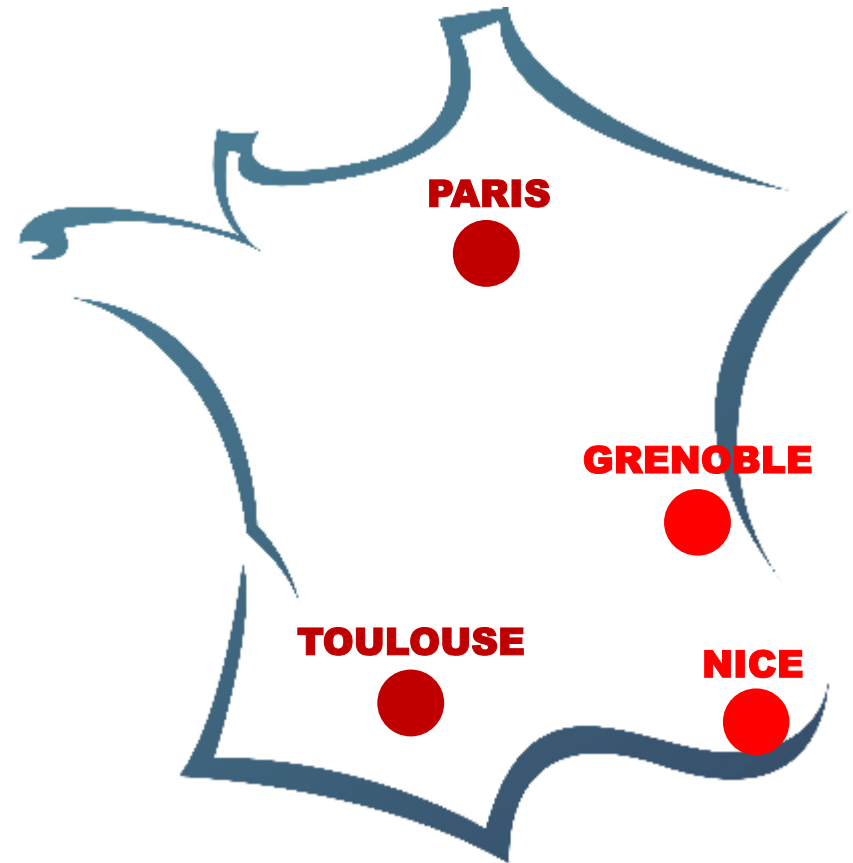
ARTIFICIAL & NATURAL INTELLIGENCE  
TOULOUSE INSTITUTE



## General Overview

## 3iA: Interdisciplinary Institutes for AI

- Networked centers for research, education and economic development, with high international visibility
- Initial call published: 25 July, 2018
- 4 sites pre-selected: november 6, 2018
- Detailed project submitted February 19, 2019
- Hearing by the international Jury: April 11, 2019
- Decision: April 26, 2019
- 4-year duration, renewable



 **Our Ambition**

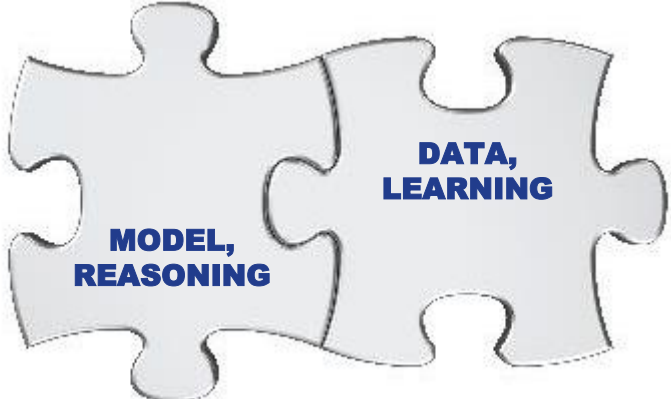
 **How do we get there?**

# Our Ambition

Enable the use and the long-term development of AI in human critical sectors (transport...) and industry by addressing following key challenges

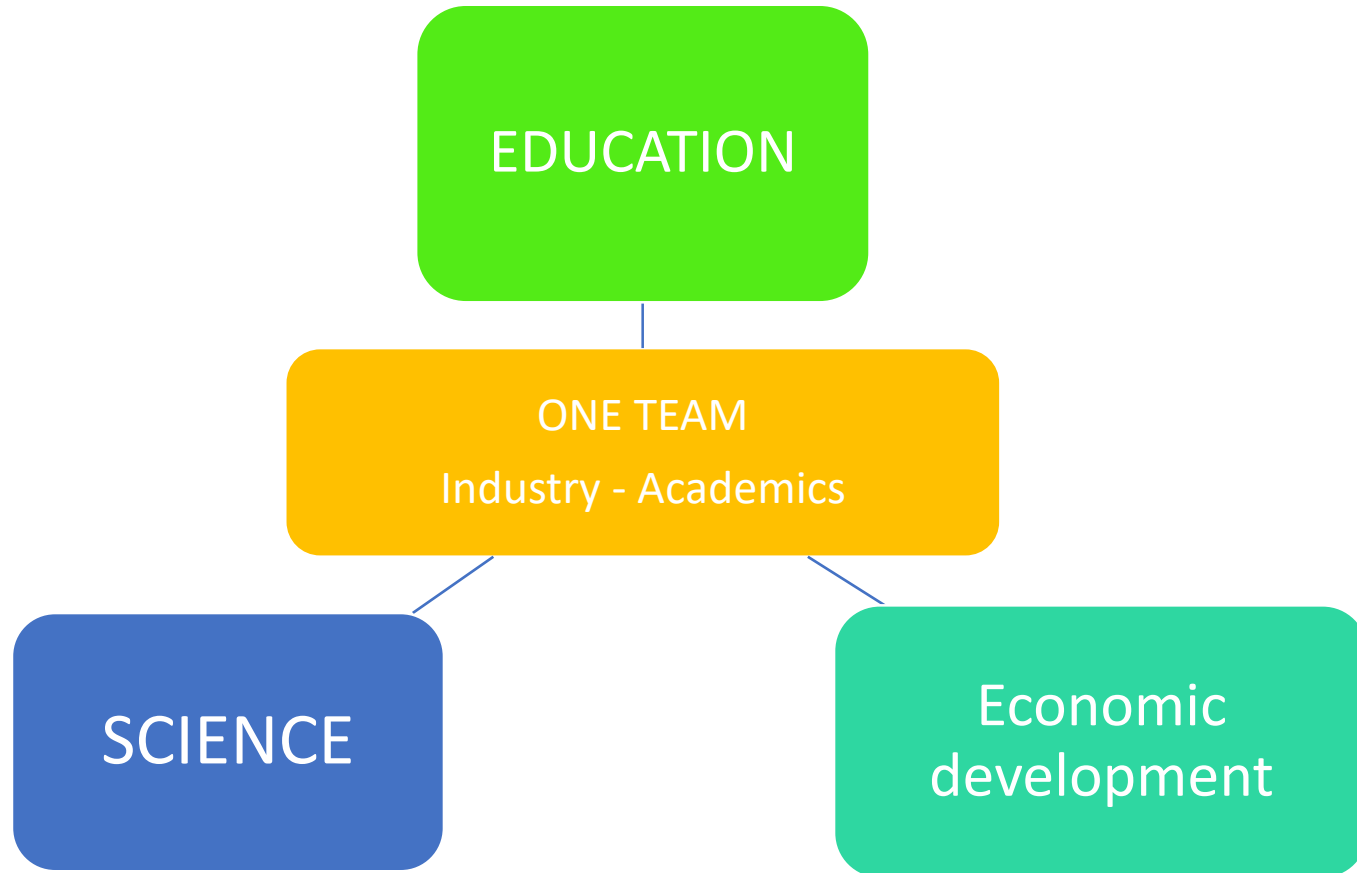


Hybrid approach mixing Model-based and Data-based IA is an efficient way to address above challenges



How do we get there ?

➤ **3 complementary pillars and a collaborative way-of working**



# Scientific Project

The scientific project is structured around three integrative programs (IPs), which will develop innovative solutions to address challenges raised by our application domains using theoretical advances in core AI scientific areas.

► **IPA:**

Acceptability, Fair representative data for AI  
*8 chairs*

► **IPB:**

Certifiable AI toward autonomous critical Systems  
*8 chairs*

► **IPC:**

Assistants for design, decision, and optimized Industry processes  
*8 chairs*



**2** strategic application sectors targeted  
> *mobility and transportation*  
> *robotics/cobotics for the industry of the future*

**200+** researchers

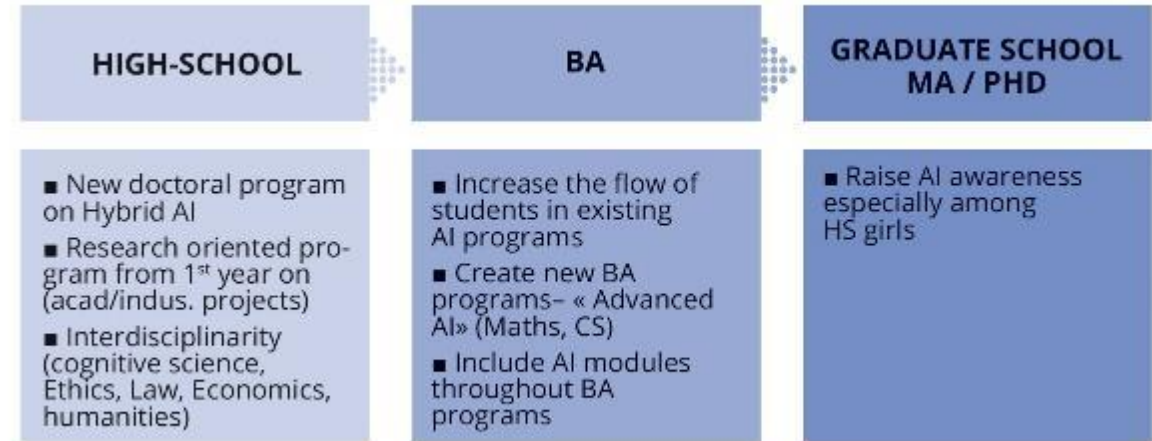
**3** integrative programs

**24** research chairs

# EDUCATION AND TRAINING PROGRAM

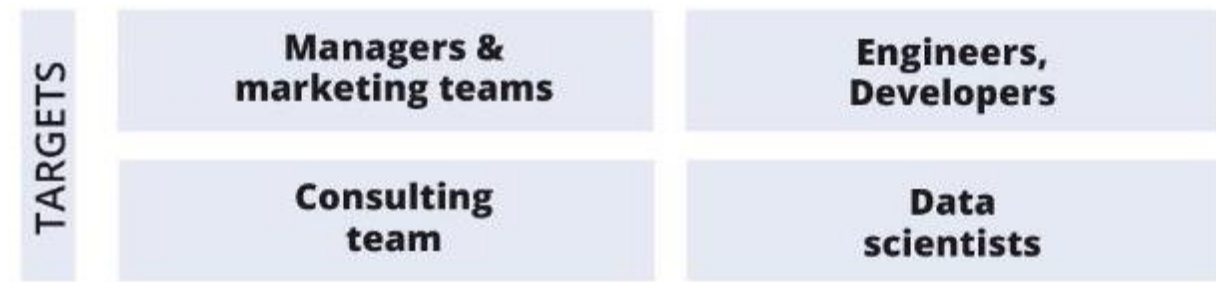
## Initial Education

double the number of students trained in AI by 2023.



## Continuing Education

A single portal entry for continuing education



## AI scientific culture dissemination

Several actions to disseminate AI scientific culture will be planned, drawing on local strengths.



# ECONOMIC DEVELOPMENT PROJECT

- ▶ **Rapid dissemination of new technological possibilities to ANITI partners via IPs**
- ▶ **Start-up creation and support (100+)**
  - Via ANITI's Innovation and Business Committee
  - Up to 1 M€/year dedicated by Toulouse Tech Transfer (early stage funding)
  - Pre-incubation and incubation management in liaison with innovation clusters (e.r., Aerospace Valley) public and private incubators





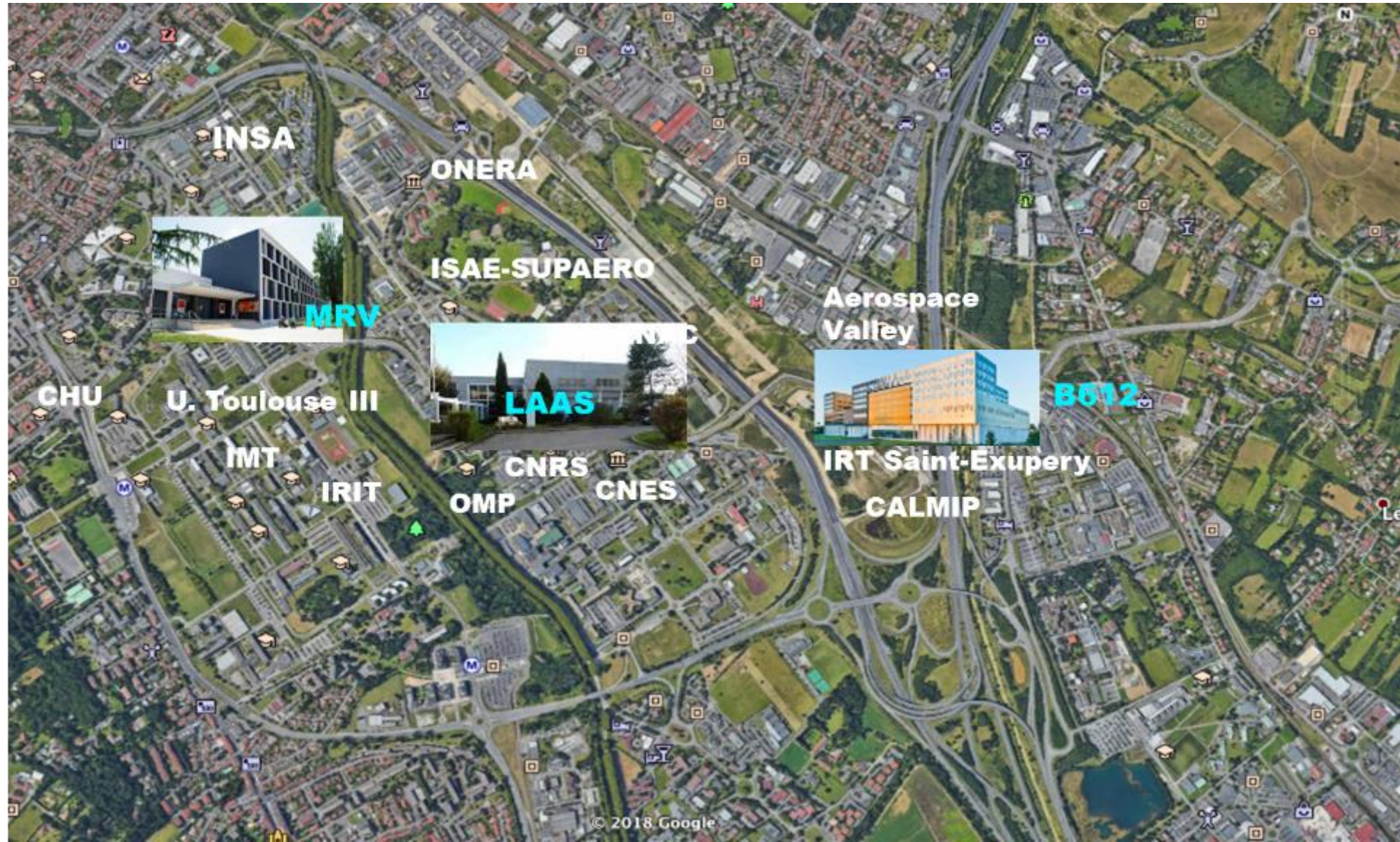
# ECONOMIC DEVELOPMENT PROJECT

+50 PARTNERS



More to come !

# ANITI Campus



scale: 1 km