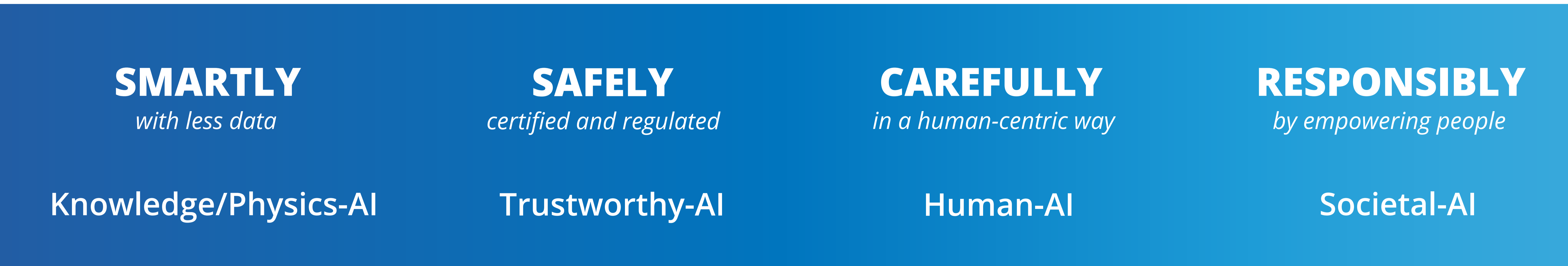


# DESCARTES

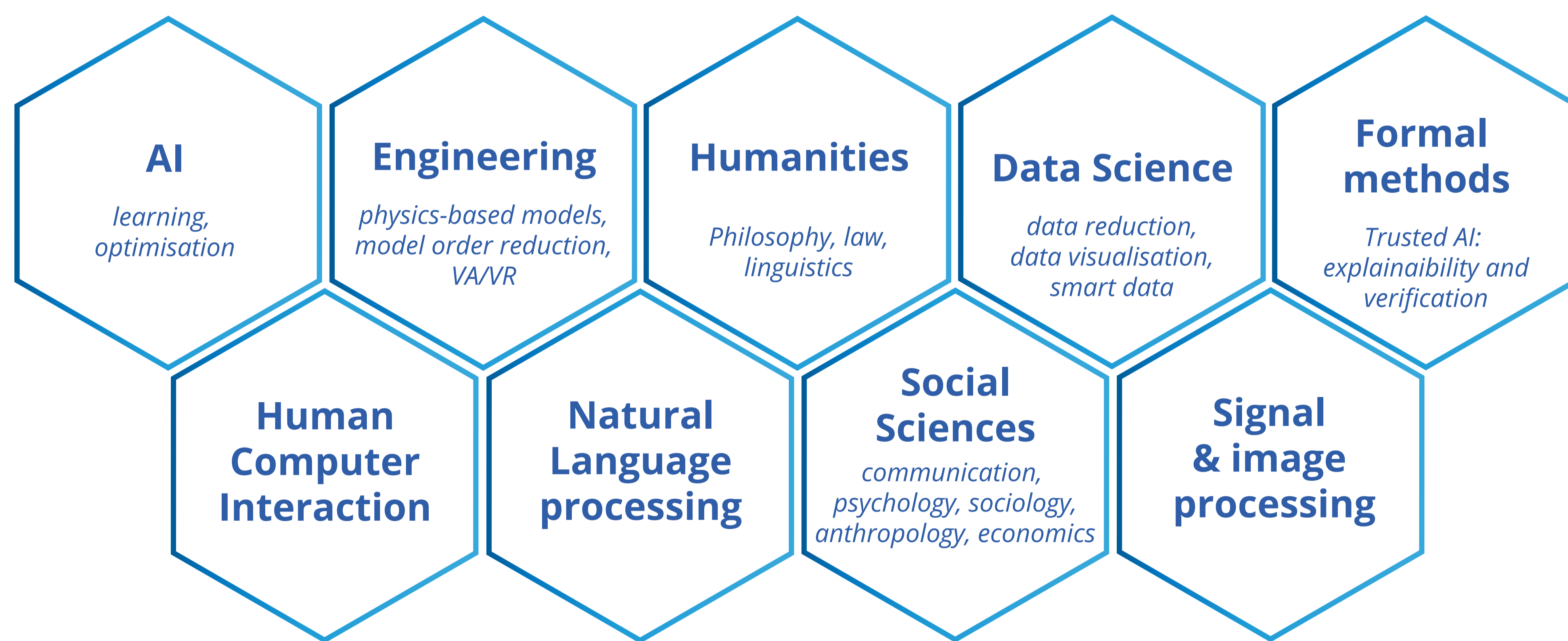
## A CNRS@CREATE Program on Intelligent Modelling for Decision-making in Critical Urban Systems

Program DesCartes aims to develop disruptive hybrid AI to serve the smart city and enable optimized decision-making in complex situations for critical urban systems.

### HYBRID AI WILL HELP US TO SUPPORT SMART CITY CRITICAL INFRASTRUCTURES:

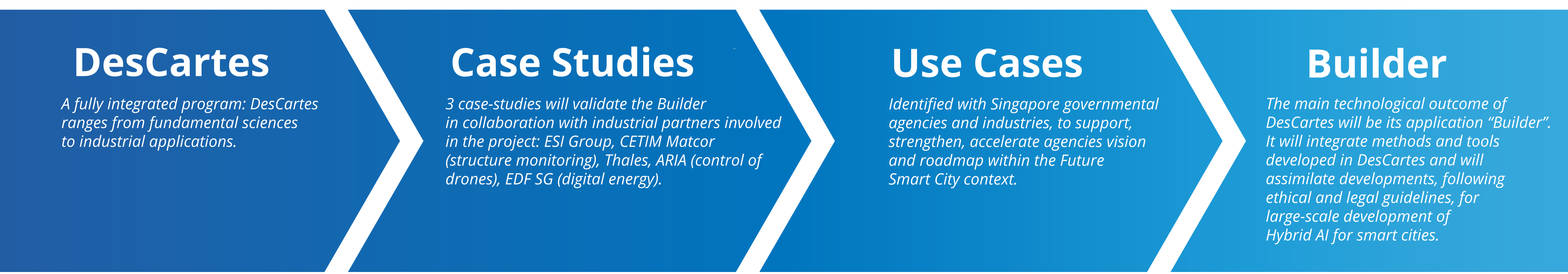
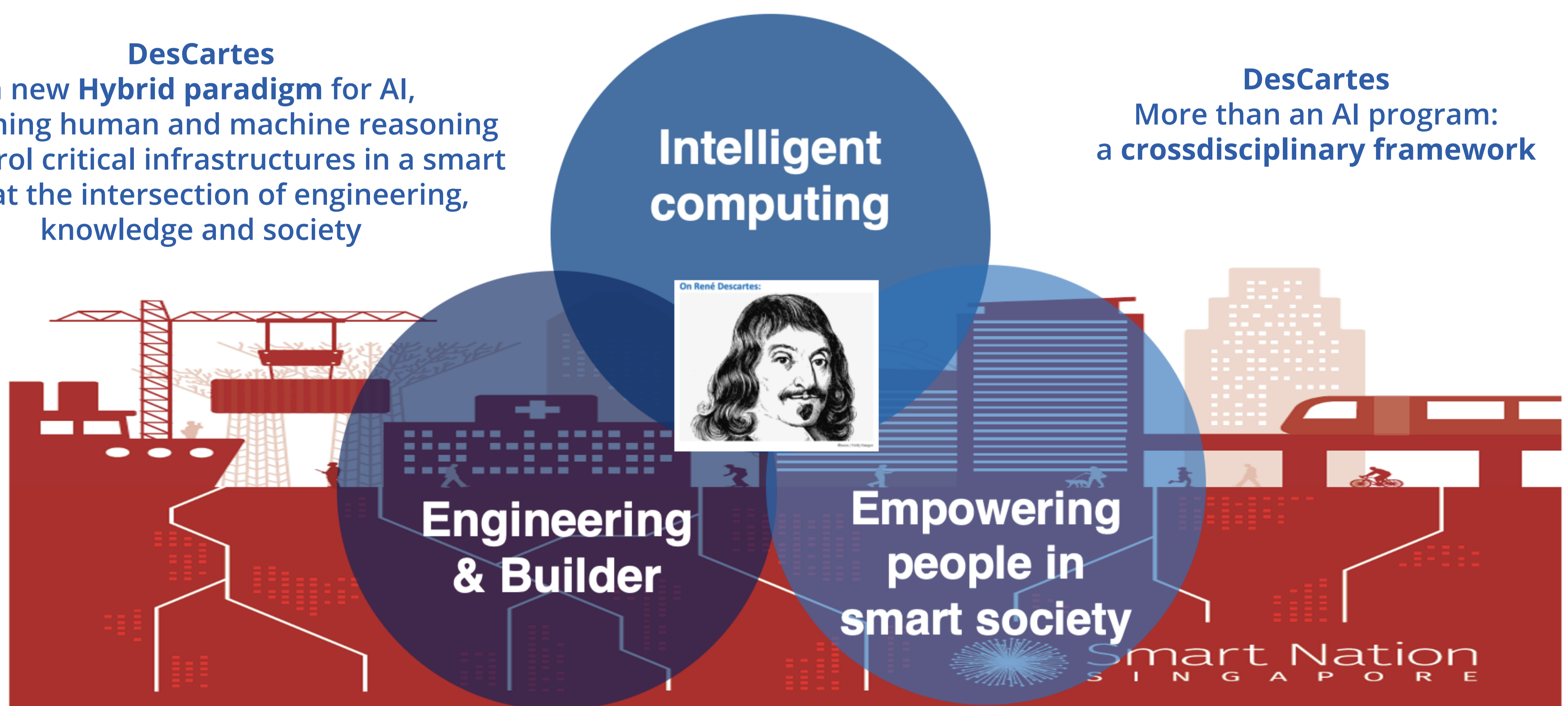


### DESCARTES IS A CROSS DISCIPLINARY PROGRAM INVOLVING STEM AND NON-STEM RESEARCH WITH ARTIFICIAL INTELLIGENCE AT ITS CORE AND EXPERTISES IN:



DesCartes a new Hybrid paradigm for AI, combining human and machine reasoning to control critical infrastructures in a smart city, at the intersection of engineering, knowledge and society

DesCartes More than an AI program: a crossdisciplinary framework



**5** years  
*duration for DesCartes program*

**50** SGD million  
*budget for DesCartes program*

**80** Investigators  
*half from France, half from Singapore*

**200+** years  
*of PhDs and Research Fellows*

### DESCARTES PROGRAM IS LED BY CNRS, TOGETHER WITH:

#### PARTNER INSTITUTIONS FROM FRANCE



#### PARTNER INSTITUTIONS FROM SINGAPORE



#### INDUSTRIAL PARTNERS



**THALES**

**NATIONAL RESEARCH FOUNDATION**

**CREATE**  
Centre for Research Excellence and Technological Enterprise

This research is supported by the National Research Foundation, Prime Minister's Office, Singapore under its Campus for Research Excellence and Technological Enterprise (CREATE) programme. CREATE is an international collaborative housing research centres set up by top universities. At CREATE, researchers from diverse disciplines and backgrounds work closely together to perform cutting-edge research in strategic areas of interest, for translation into practical applications leading to positive economic and societal outcomes for Singapore. The interdisciplinary research centres at CREATE focus on four areas of interdisciplinary thematic areas of research, namely human systems, energy systems, environmental systems and urban systems. More information on the CREATE programme can be obtained from [www.create.edu.sg](http://www.create.edu.sg).