

## EXCELLENCE INITIATIVE

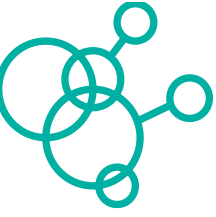
# THE CaeSAR PROJECT

Scientific Advisory Board - Nuclear Center, November the 6<sup>th</sup> 2024

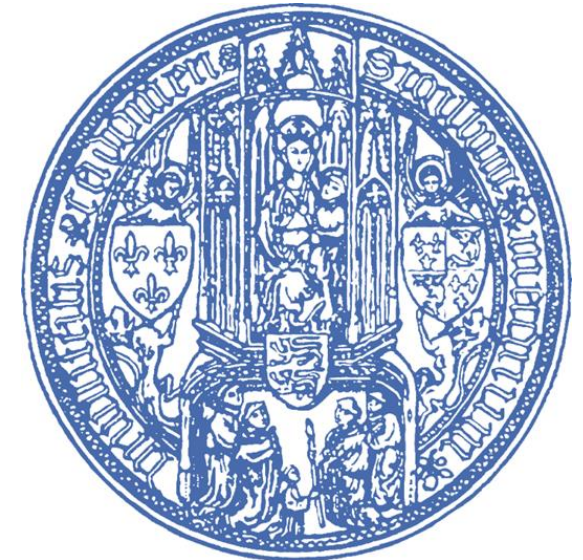
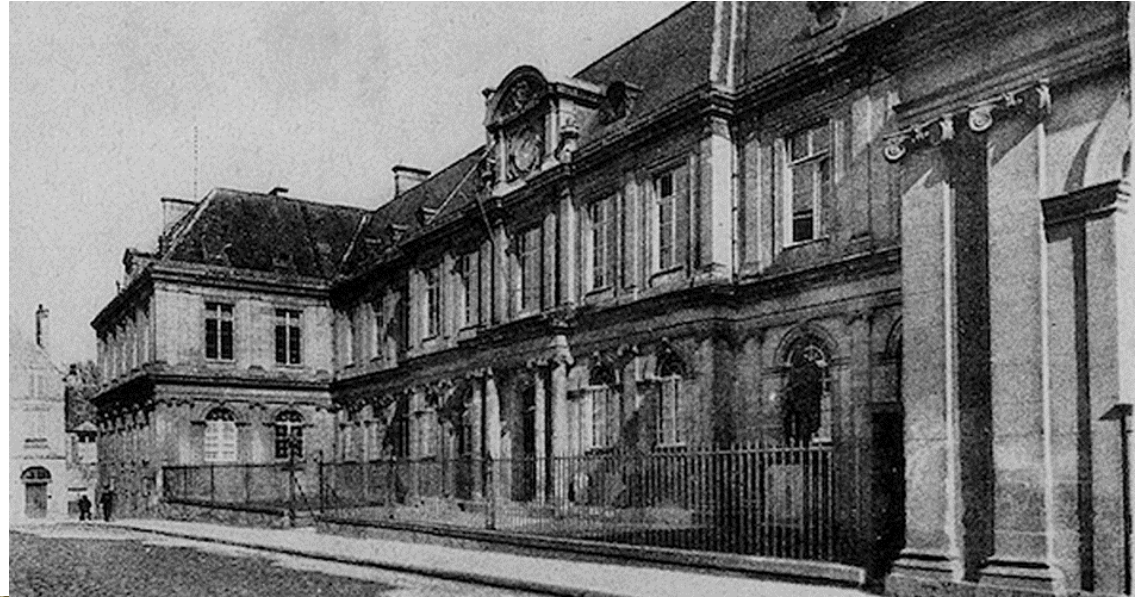




# PRESENTATION OF THE UNIVERSITY



One of the oldest universities in Europe, founded in 1432 by the King of England, and rebuilt in 1957 after the WWII bombings





# THE UNIVERSITY OF CAEN: FACTS AND NUMBERS

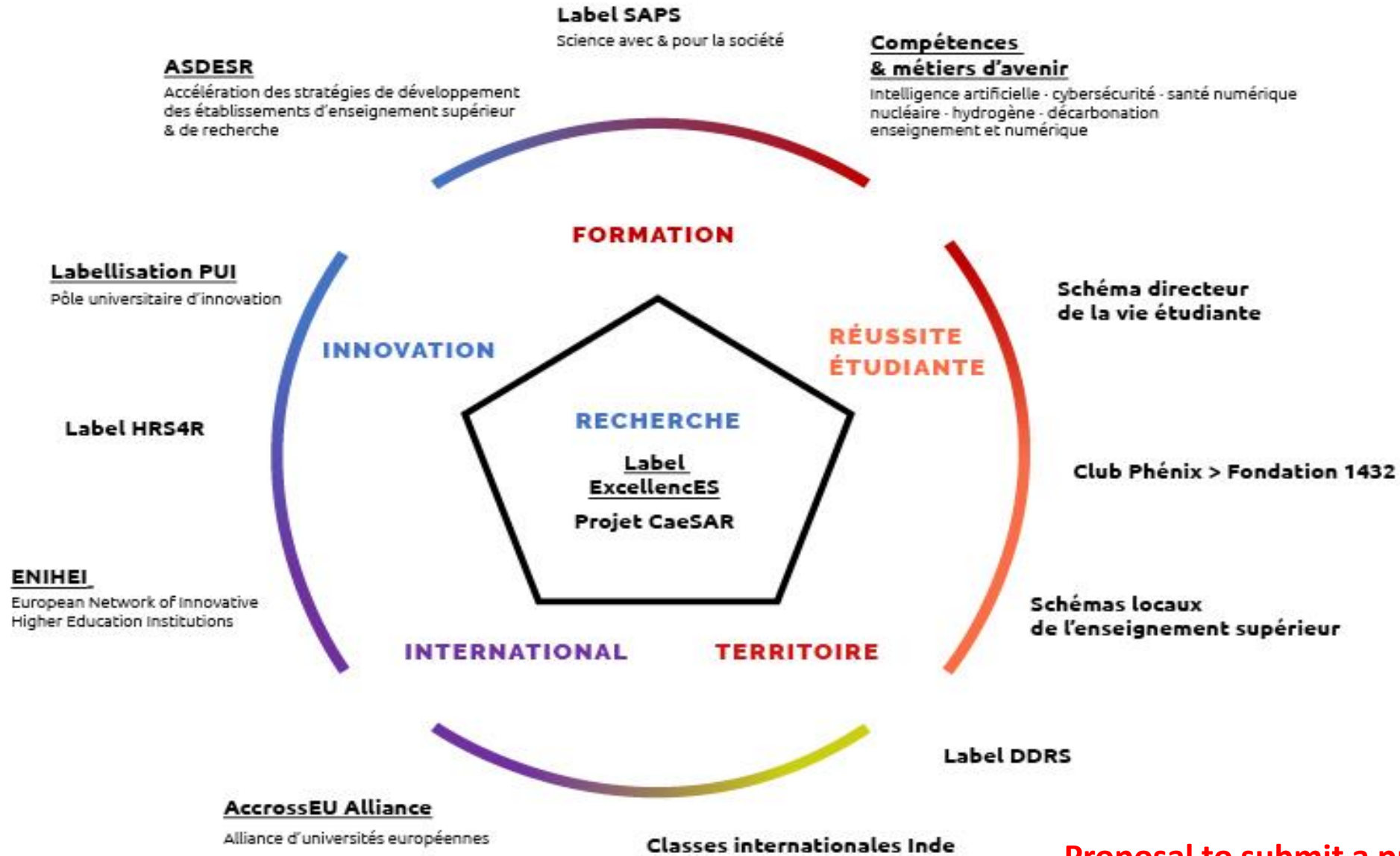


- **Comprehensive university**
- **33 000+ students**, incl. 3 500 international students
- **1 000 PhD students**, incl. 210 international students
- **2 700 staff members**
- **15 campuses**
- **41 research units**



# THE UNIVERSITY'S PROJECT

1. Building a supportive, sustainable and responsible university
2. Promoting excellence in research
3. Innovating to anticipate the skills of the future
4. Placing student success at the heart of the project
5. Making the university of Caen a major player in regional dynamics
6. Boosting the university's European and international ambitions



**ASDESR**

Accélération des stratégies de développement des établissements d'enseignement supérieur & de recherche

**Label SAPS**

Science avec & pour la société

**Compétences & métiers d'avenir**

Intelligence artificielle · cybersécurité · santé numérique nucléaire · hydrogène · décarbonation enseignement et numérique

**FORMATION**

**Labellisation PUI**

Pôle universitaire d'innovation

**INNOVATION**

**RÉUSSITE ÉTUDIANTE**

**Schéma directeur de la vie étudiante**

**Label HRS4R**

**RECHERCHE**

**Label Excellences  
Projet CaeSAR**

**Club Phénix > Fondation 1432**

**ENIHEI**

European Network of Innovative Higher Education Institutions

**INTERNATIONAL**

**TERRITOIRE**

**Schémas locaux de l'enseignement supérieur**

**AccrossEU Alliance**

Alliance d'universités européennes

**Label DDS**

**Classes internationales Inde**

**Proposal to submit a project focused on research excellence: the CaeSAR project**



# THE PROJECT'S AMBITIONS

- Create conditions conducive to the development of research at the highest international level;
- Attract top-level researchers from France and abroad;
- Impact the highest level of training through research (Master's and Doctorate levels): creation or development of Graduate Schools, summer schools, etc.
- Provide the conditions for scientific resourcing in sectors in which the University of Caen has differentiating assets;
- Promote the dissemination of knowledge and support science/society initiatives.



# PROJECT POSITIONING

The project is designed as a lever for access to large-scale structuring projects

What CaeSAR is not	What CaeSAR supports
<b>Individual programs</b>	<b>Structuring programs</b>
Normandie Recherche	Horizon Europe
ANR	ERC
Research foundation	PEPR
Public / Private partnership	Program agency



# THE 3 AXES OF THE PROJÉT (1/2)

**Axis 1 (around 60% of the budget)** aims to consolidate the strengths already recognized in the context of investments in the future and/or European projects

- Neuroscience, with a specialization in neurovascular research;
- Chemistry and materials, from synthesis to characterization
- Digital innovation for research in the humanities and social sciences;
- **Nuclear Physics, fundamental research and applications (nuclear energy).**

Ambition: to create European-scale research centers and platforms in these 4 fields



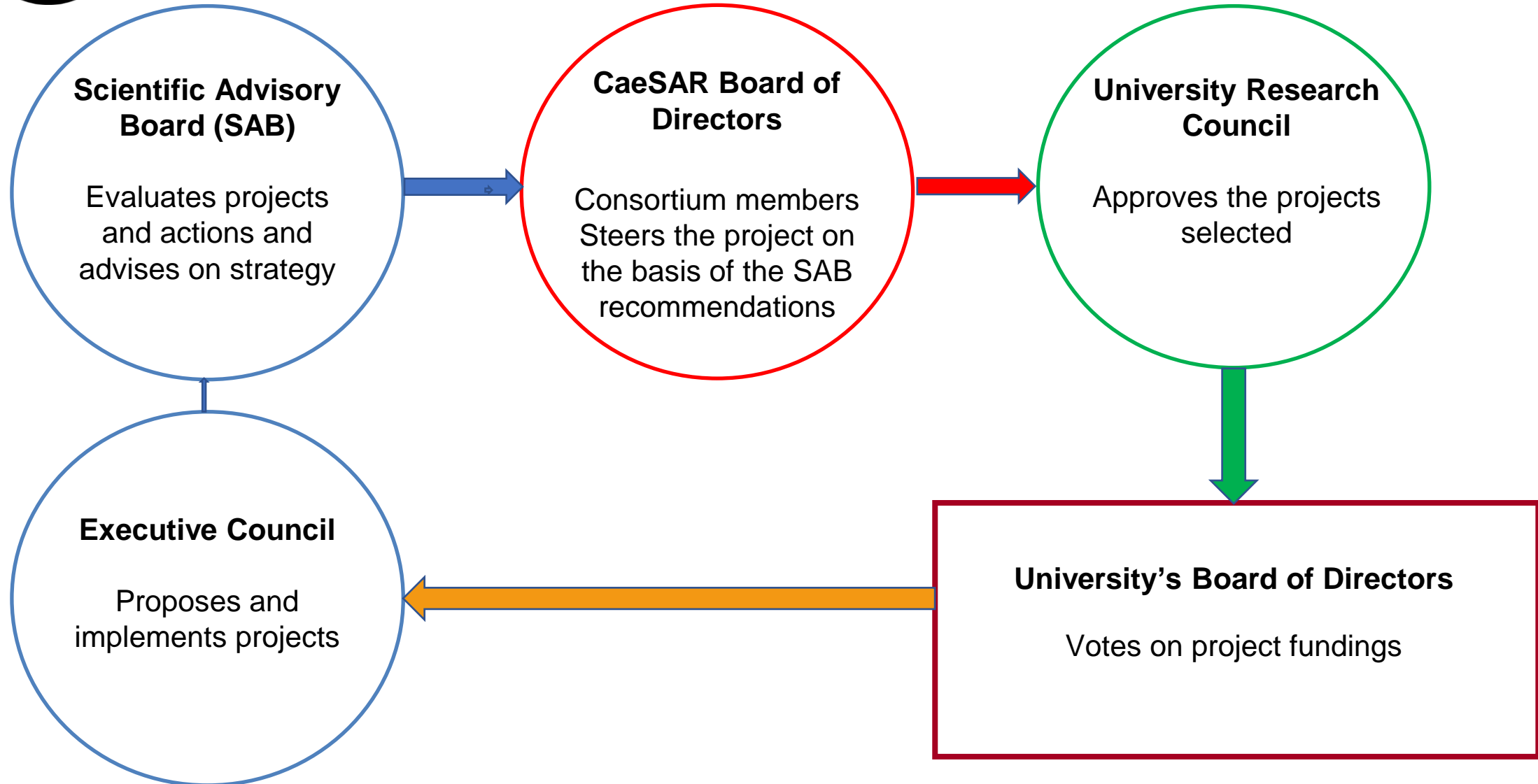


## THE 3 AXES OF THE PROJÉT (2/2)

- **Axis 2 (around 30% of the budget)** aims to develop a research strategy that takes into account scientific resourcing capacity. It focuses on emerging or structuring fields, for which there are local strengths and high expectations in relation to major societal challenges:
  - Memory / Peace;
  - Biodiversity / Climate Risks;
  - AI for Sciences;
  - Health innovation.
- **Axis 3 (less than 10% of the budget)** aims to contribute to the development of support services and the development of Science - Society actions



# STEERING THE PROJECT





# THE EXECUTIVE COUNCIL



- It is made up of the PI and 2 or 3 scientific experts;
- It must be representative of the different themes;
- It implements the centre/platform project on a day-to-day basis;
- It submits an annual activity report and a roadmap for year N+1 to the SAB.
- As far as possible, it should respect gender parity.



# THE SCIENTIFIC ADVISORY BOARD (SAB)

## Scientific Advisory Board (SAB)

Evaluates projects and actions and advises on strategy

- It is made up of 4 to 6 members for each area of research.
- It must be representative of the different themes in each area of research.
- At least half of its members must be international.
- It must, as far as possible, respect gender parity.
- A global SAB for the whole project brings together the chairmen of each of the SAB



# LE COMITE DE DIRECTION (CODIR)

**CaeSAR Board of  
Directors**

Steers the project on the  
basis of the SAB  
recommendations

- It is made up of representatives of the consortium members:
  - President and Vice-Presidents for Research of the University
  - 1 representative from CNRS, CEA, Inserm, CHU, ENSICAEN, Normandy Region.
  - Possibility of invited personalities





# BUDGET AND FINANCIAL PARTNERS



- ExcellencES' calls for projects
  - Duration: 6 years
  - Amount of financial support: €10,800,000
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- The University is also receiving funding from the Normandy Region to implement the project.
  - Duration: 6 years
  - Amount of financial support: €10,800,000



## TYPE OF ELIGIBLE FUNDINGS

- Environment for young recruits (internal chairs, external chairs)
- Preparation for the ERC (*ERC Booster*)
- Paid internships for Graduate Schools
- Organisation of summer schools
- Hosting visiting professors
- Support for Science - Society projects
- Creation of international laboratories
- No equipment - other sources of funding

THANK YOU FOR ALL OUR PARTNERS  
AND SAB MEMBERS

