

About CLAIRE

The CLAIRE initiative aims to establish a pan-European network of Centres of Excellence in AI, strategically located throughout Europe, and a new, central facility with state-of-the-art, “Google-scale”, CERN-like infrastructure – the CLAIRE Hub – that will promote new and existing talent and provide a focal point for exchange and interaction of researchers at all stages of their careers, across all areas of AI. The CLAIRE Hub will not be an elitist AI institute with permanent scientific staff, but an environment where Europe’s brightest minds in AI meet and work for limited periods of time. This will increase the flow of knowledge among European researchers and back to their home institutions.

We believe that artificial intelligence (AI) will fundamentally change the way we live and work. It is also likely to become crucial in addressing society’s grand challenges, such as climate, energy and mobility; food and natural resources; health; and inclusive, secure societies. In addition, AI is a global “game changer” that has become a major driver of innovation, future growth and competitiveness. It is sometimes said that the best way to meet the future is to create it. We believe that Europe, with its existing strength across all areas of AI and with its strong universities, research institutions and companies, is in an excellent position to do that. Europe can ensure that many of tomorrow’s advanced technologies, products, systems and services are European and are based on and reflect European realities, needs and values. This is particularly important for AI. If Europe were to fall behind in AI technology, we would be likely to face challenging economic consequences, academic brain drain, reduced transparency, and increasing dependency on foreign technologies, products and values. The CLAIRE initiative presents a proposal for avoiding that. It is not only Europe that needs AI made in Europe.

Contents

Vision.....	5
Mission.....	5
Values	5
Centres & Infrastructure.....	6
1. Augmentation & Trust.....	6
2. Funding.....	6
3. Engagement, Collaboration & Innovation.....	6
4. Challenges	6
Administrative Information.....	7

DEMONSTRATION ONLY

Organization

Confederation of Laboratories for Artificial Intelligence Research in Europe (CLAIRE)

Description:

CLAIRE is an initiative by the European AI community that seeks to strengthen European excellence in AI research and innovation. To achieve this, CLAIRE proposes the establishment of a pan-European Confederation of Laboratories for Artificial Intelligence Research in Europe that achieves “brand recognition” similar to CERN. The CLAIRE Research Network consists of 335 groups and institutes with over 19,000 employees in 34 countries. 3262 individual supporters have signed the CLAIRE vision.

Stakeholder(s):

Europe :

All of Europe

Individual CLAIRE Supporters :

We have 3262 supporters including 1919 AI experts (PhD-level expertise in AI or equivalent). The full list can be seen at <https://claire-ai.org/all-supporters/>

CLAIRE Supporting Organizations :

CLAIRE is supported by the following organisation:

AAAI :

The Association for the Advancement of Artificial Intelligence

EurAI :

The European Association for Artificial Intelligence

ESA :

The European Space Agency

GI-FBKI :

The AI Section of German Society for Informatics

LIKS-AIS :

The AI Section of Lithuanian Computer Society

AIAI :

The Artificial Intelligence Association of Ireland

OEGAI :

The Austrian Society for Artificial Intelligence

BNVKI :

The Benelux Association for Artificial Intelligence

BCS-SGAI :

The British Computer Society Specialist Group on Artificial Intelligence

ACIA :

The Catalan Association for Artificial Intelligence

CINI AIIS Lab :

The CINI Artificial Intelligence and Intelligent Systems Laboratory (Italy)

- CSKI :**
The Czech Society for Cybernetics and Informatics
- FBK :**
Fondazione Bruno Kessler (Italy)
- INRIA :**
French Institute for Research in Computer Science and Automation
- TNO :**
Netherlands Organisation for Applied Scientific Research
- DFKI :**
The German Research Center for Artificial Intelligence
- EETN :**
The Hellenic Artificial Intelligence Society
- IAAI :**
The Israeli Association for Artificial Intelligence
- AI*IA :**
The Italian Association for AI
- CVPL :**
The Italian Association for Computer Vision, Pattern Recognition and Machine Learning
- GULP :**
The Italian Association for Logic Programming
- FAIS :**
The Finnish AI Society
- JURIX :**
The Foundation for Legal Knowledge Based Systems
- NAIS :**
The Norwegian AI Society
- PSSI :**
The Polish Artificial Intelligence Society
- APPIA :**
The Portuguese Association for Artificial Intelligence
- ARIA :**
The Romanian Association for Artificial Intelligence
- AISB :**
The Society for the Study of Artificial Intelligence and Simulation of Behaviour (United Kingdom)
- AEPIA :**
The Spanish Association for Artificial Intelligence
- slovak.AI :**
The Slovak Research Center for Artificial Intelligence

SLAIS :

The Slovenian Artificial Intelligence Society

SAIS :

The Swedish Artificial Intelligence Society

CLAIRE Supporting Governments :

CLAIRE is supported by the following governments:

Belgium :

The Government of Belgium

Czech Republic :

The Government of the Czech Republic

Finland :

The Government of Finland

Greece :

The Government of Greece

Italy :

The Government of Italy

Luxembourg :

The Government of Luxembourg

Netherlands :

The Government of the Netherlands

Slovak Republic :

The Government of the Slovak Republic

Spain :

The Government of Spain

Vision

Excellence across all of AI. For all of Europe. With a Human-Centred Focus.

Mission

To strengthen European excellence in AI research and innovation.

Values

Intelligence:

Augmentation:

Research:

Innovation:

Excellence:

Centres & Infrastructure

Establish a pan-European network of Centres of Excellence in AI and a facility with state-of-the-art infrastructure

1. Augmentation & Trust

Focus on trustworthy AI that augments human intelligence

CLAIRE will focus on trustworthy AI that augments human intelligence rather than replacing it, and that thus benefits the people of Europe.

2. Funding

Increase in funding

CLAIRE will work for a major increase in funding towards existing scientific strengths in AI, novel research opportunities and key European interests.

3. Engagement, Collaboration & Innovation

Facilitate stakeholder engagement, collaboration, and innovation

CLAIRE will work with key stakeholders to find mechanisms for citizen engagement, industry and public sector collaboration and innovation-driven startup and scale-up.

Stakeholder(s):

Citizens
Industry
Public Sector

4. Challenges

Define and address challenges in various sectors and across a wide range of applications

CLAIRE will in this way define and address challenges in various sectors and across a wide range of applications, including health, manufacturing, transportation, scientific research, sustainable agriculture, financial services, public administration and entertainment.

Stakeholder(s):

Healthcare Sector
Manufacturing Sector
Transportation Sector
Scientific Research Sector
Agricultural Sector
Financial Service Sector
Public Administrators
Entertainment Industry

Administrative Information

Start Date:

End Date:

Publication Date: 2019-11-27

Source: <https://claire-ai.org/>

Submitter:

Given Name: Surname:

Email: Owen.Ambur@verizon.net

Phone:

DEMONSTRATION OF