IBERIA

Artificial Intelligence Systems for Industrial Process

Naval. Preventive Maintenance
Discovery of new materials. Batteries
Space. Remote sensing
Security. Critical Infrastructures
Health. Remote Monitoring
Energy. Intelligent Energy Networks

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dones flux

Projects AI · Navy
MAPRE · 2021-2023

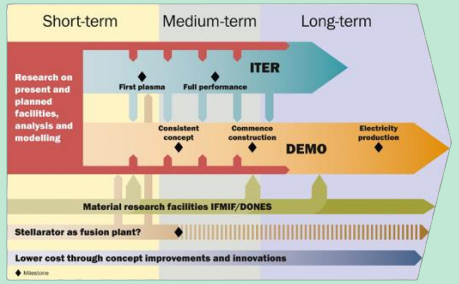
AI applied to Fusion energy

Industrial technology research project aimed at optimizing the efficiency of a large scientific fusion facility, such as IFMIF-DONES.

Funded by the European Union NextGenerationEU

Plan de Recuperación, Transformación y Resiliencia

CDTI Centro para el Desarrollo Tecnológico Industrial



GREEN

Projects · Smart Cities
GREEN [2022-2024]

Collaborative intelligence for sustainable cities

Industrial AI platform that combines Federated Learning, Blockchain and Smart Contracts technologies. GREEN is an initiative based on both respecting citizens' privacy and optimizing resources, which will make cities more sustainable and accessible for their inhabitants.

Application: AI platform for optimizing Smart Contracts (SC) between IoT in a secure way, using Federated Learning (FL) and Blockchain.

Electrolineras Partner: Naturgy

Naturgy

SEDA

Projects AI · Space · SEDA [Satellite Data AI]

Automatic Search for Information in Satellite images and data using AI

SEDA is the Spanish Defense R&D project whose mission is the automation of satellite data observation. It offers an integrated solution for defense intelligence analysts.

ENIGMA

Projects AI · Energy · ENIGMA [Electric Grid AI] · 2020-2022

Artificial Intelligence to increase the efficiency of renewable sources

HI-IBERIA in collaboration with the companies PRYSMA and INGELECTUS proposes a paradigm shift in the control of the electrical system through the use of artificial intelligence methodologies.

prysma

ingelectus Innovative electrical solutions

RED ELÉCTRICA DE ESPAÑA

eit InnoEnergy

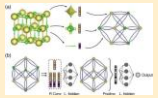
LiOn-HD

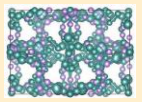
Projects AI · Materials
LiOn-HD

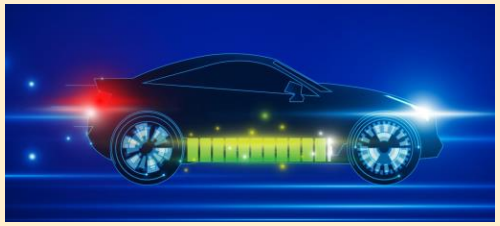
Creation of new materials

The LiOn-HD project is included in the call of the "Misiones Ciencia e Innovación 2020" program of the Centro para el Desarrollo Tecnológico Industrial (CDTI). It is a project that includes a diverse consortium collaborating to achieve the overall objective: to significantly improve the energy density, reduce the cost and increase the sustainability of lithium-ion batteries.

CGCNN







Application: AI technologies to search for new cathode materials.

Scientific Partner: Institute of Materials Science of CSIC.

GREENER group

CSIC

icmm