EQUIPEX PLADIFES

PLATE-FORME DE CALCUL NUMERIQUE, INTELLIGENCE ARTIFICIELLE ET BASE INTERNATIONALE DE DONNEES ENVIRONNEMENTALES, FINANCIERES ET SOCIÉTALES A FREQUENCE ELEVÉE

Scientific directors :

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Pladifes: A New Financial, ESG and Green Platform

In June 2020, a consortium composed of the Institut Louis Bachelier (ILB), Eurofidai (CNRS), the ESSEC Business School, IFA and the “pole de compétitivité finance innovation” received an important grant from the ANR (French government agency) in order to develop a new technological platform: PLADIFES (Plate-forme de calcul numérique, Intelligence artificielle et base international de Données Environnementales, financières et Sociétales à fréquence élevée).

This platform combines:

- Daily financial market data (Eurofidai - ESSEC)
- Intraday high frequency market data (Eurofidai - Bedofih)
- ESG data and Green Value AI program
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The ANR financing will be used to:

1. further develop the existing financial databases: Eurodifai - ESSEC Daily and Eurofidai – Bedofih;
2. expand the existing databases and increase coverage to Asia-Pacific, Oceania, Middle-East and Africa;
3. complement the existing financial databases with high-value-added extra-financial Environmental, Social, and Governance (ESG) data;
4. to develop the Green Value project with the objective to create a green and sustainable finance database with customs AI-based indicators;
5. to offer researchers a unique access to financial and extra financial information;
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6. to pool researchers in mathematics, AI, and finance and develop an international network of researchers;

7. to develop, test, and deploy novel numerical algorithms and AI techniques (such as text and image analysis and artificial data generation);

8. to provide answers to societal issues by stimulating and encouraging international academic research in mathematics, statistics, econometrics, and finance.