

# EQUIPEX PLADIFES

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

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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.