

Digital Finance

# CHRES

Currency Hedging and Risk Management Service



## CHRES



## Dynamically Protecting Foreign Currency Assets against Exchange Rate Fluctuations

Global investing, trading and entrepreneurship expose actors to risks of currency exchange rate fluctuations. CHRES uses proven currency trading strategies to identify those risks and mitigate them.

When investing or doing business in foreign countries, the risk of fluctuating currency exchange rates is often overlooked. While the actual value of the asset denominated in the foreign currency might not change, the actual monetary value that the investor receives after the conversion to Euro can fluctuate significantly due to the exchange rate.

CHRES uses currency trading strategies with a long-proven track record of 20 years and cutting-edge technology to detect trends and dynamically increase or decrease the protection. Users can decide their level of security by selecting one of several scenarios per currency.



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## Competitive Advantages

- Automated effective and validated service
- Different levels of hedging (static, dynamic and speculative)
- Not just hedging, but offering the chance to participate in favorable market trends
- Best execution prices by using a leading European institutional order platform

## Target Markets

- Businesses which are dealing with clients from other countries (E-commerce, travel agencies, manufacturing, ...)
- Professional investors (family offices, asset managers, ...)
- Real estate companies

## Status/ Traction

- JRC Capital Management as Business Champion and Activity Leader
- GFT Italia as system architect and integrator
- ATOS as front end / UI developer
- E-Group leading product validation
- Finance Innovation leading dissemination and marketing activities

## Road Map

2020

- Complete product development and validation through pilot users,
- start marketing and sales via the business networks of the partners FI and E-Group (France, Hungary)

2021

- Expansion to the high volume and high growth digital finance markets in Europe, notably UK, Switzerland, Spain, Germany and Italy.

2022

- Expansion to all EU-28 countries, starting from the ones where partners have sales footprint or even established partnerships for digital finance.

## Leveraged Technologies

The service, based on real time high-frequency financial market data, will be data intensive and rely on Big Data technology and infrastructure (data warehouse, OLAP, data lakes). Integration of data silos will be required i.e. based on data streams & data at rest residing at different databases. The hedging service will also leverage of data mining techniques (i.e. machine learning, deep learning, statistical processing), as well as the high-performance implementation of analytics algorithms.

## Contact



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**CHRES is an innovation activity proudly supported by EIT Digital.**

EIT Digital supports entrepreneurial teams from research and business organisations in launching new startups and new products in agile 12-month projects called innovation activities. These activities are embedded in EIT Digital's European ecosystem and receive a financial co-investment to package their technology, sign up customers and attract investors.