



Sustainable Tools and Artificial Intelligence for Risk Solutions

STAIRS SRL

Integrated tools for analyzing
business risk

Worldwide

Pietro Domenichini & Francesco Ravazzolo - founders

OUR PATH TO STAIRS

Professionals, entrepreneurs and researchers must come together to create **solutions** and **methodologies** to address **business risk**. Istituto ISR has been created.

Then, the platform **4Pillars**[®], a suite for dealing with business risk, has been created.



4Pillars231



4PillarsINTERNATIONAL



4PillarsISO



4PillarsSUSTAINABILITY

Finally, STAIRS Srl has been established to manage the large-scale application of the solutions and methodologies developed by Istituto ISR using a generative AI approach.



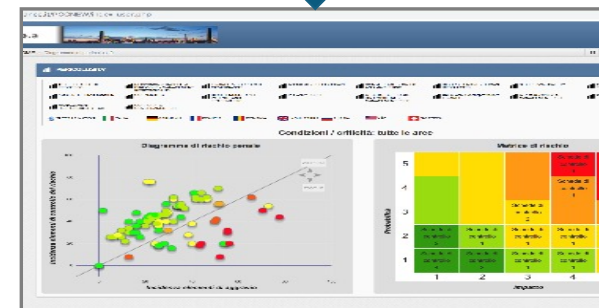
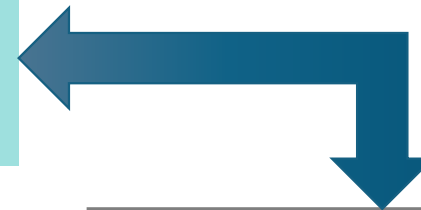
ISTITUTO DI STUDI SULLA
RESPONSABILITA' AMMINISTRATIVA DEGLI ENTI



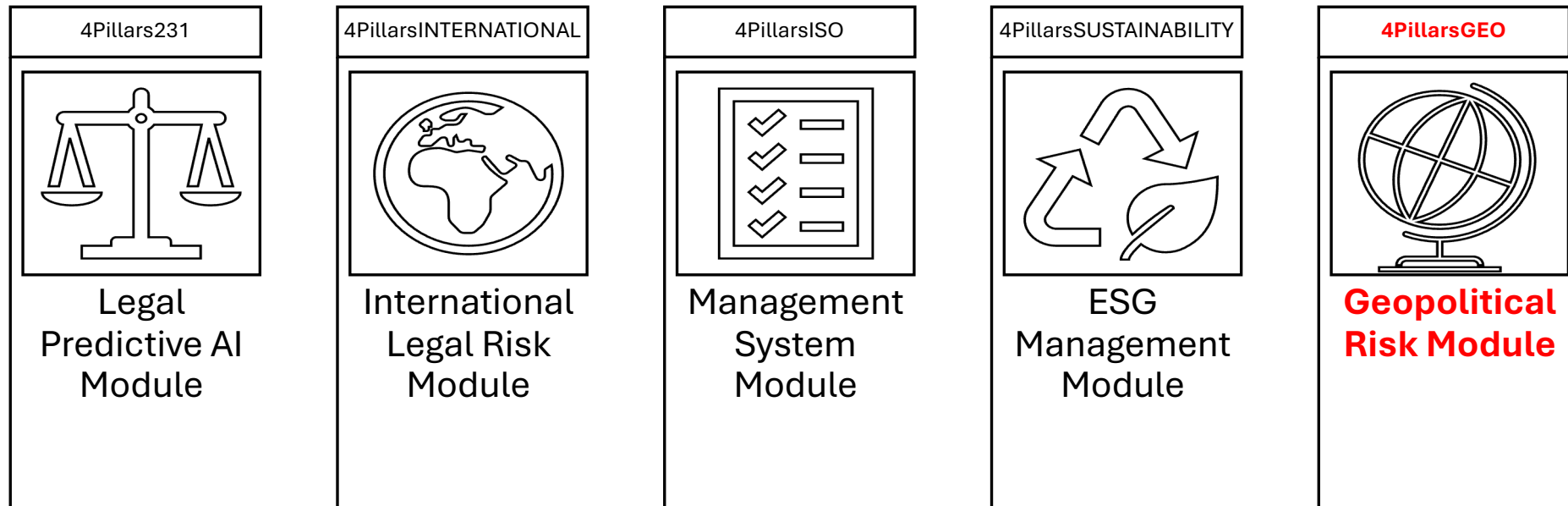
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4Pillars: HI over AI. Anyway

An expert working group to keep the system up to date and validate every result .
We follow a strong and consolidated **methodology** extended with new **AI tools**.



4Pillars



SOMETHING MORE ABOUT GEOPOLITICAL RISK ANALYZING

Our work develops **geopolitical risk indices divided by country, integrated with concrete activities** of the **corporate reality**, aimed at giving concrete help to the strategic choices of management, suitable for pursuing an objective of continuous improvement in risk management

Use of **generative AI** to collect data, aggregate them and interpret the result

We collect (soft/text) data from a large data set

We classify them based on **World Bank topics** like **Economic Conditions** and **Macroeconomic Vulnerability and Debt**

Indices are built with/download from **international institutions**, such as **European commission** and **Federal Reserve System**

Build **daily indices** based on different definitions and data features

The index: before and after the Ukraine invasion

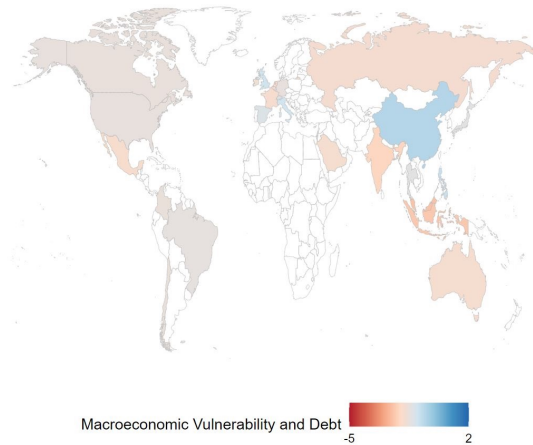
Source:
Macroeconomic Vulnerability and Debt

Indicator
Average Sentiment

Time Dimension
week

Date
2022w7

Language
Both



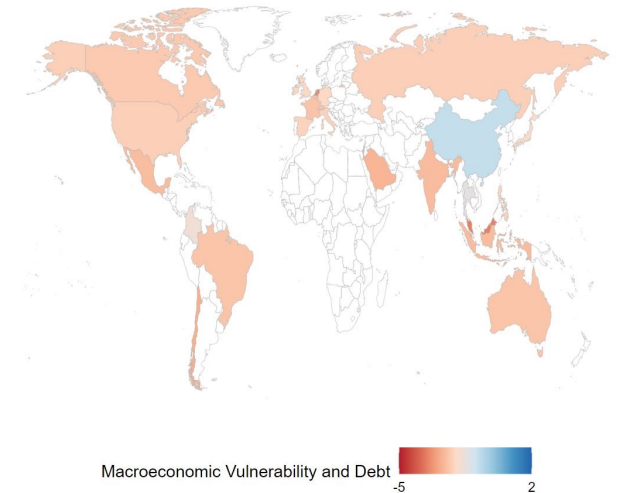
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Macroeconomic Vulnerability and Debt

Indicator
Average Sentiment

Time Dimension
week

Date
2022w9

Language
Both



WHY 4PILLARS GEO? WHY AN ACCADEMIC APPROACH?

OTHER SOLUTIONS

- JUST COUNTRY INDEX
- LONG TERM UPDATE
- LOT OF SUBJECTIVE WORK ANALYSIS
- INSTITUTIONAL SOURCES

4PILLARS GEO

- INTEGRATION WITH BUSINESS ACTIVITIES
- DAILY UPDATE
- AI ANALYSIS
- SENTIMENT ANALYSIS
- RESEARCH DRIVEN APPROACH
- ACCADEMIC DIVULGATION OF RESULTS



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THANK YOU



Sustainable Tools and Artificial Intelligence for Risk Solutions