An Introduction to CadDo ESG

August 2020
The light on ESG is shining brighter than ever, yet there is still a gap between expectation and reality.

There is a need to view companies not just by their financial metrics...but by their ESG Scores.

Sounds simple, but it’s proving to be a big challenge:
- Providers offering pre-calculated scores don’t share their logic, making it incompatible with the requirements of sophisticated organisations.
- Multiple conflicting & incomplete raw-data sources, which keep evolving (& being restated).
- No market or government standards.
- Ever changing consumer expectations.
- Bespoke in-house developments (to support these issues) tend to drive huge costs whilst also being very slow to deliver & evolve.
The CadDo Service

CadDo has created its SaaS platform to provide concentrated intelligence in sustainability & ESG information to Financial Services.

It's presented through a simple-to-deploy solution meaning no work for clients' in-house IT teams.

It delivers clear, aggregated ESG metrics and analysis across all potential investments.

Data is weighted to clients' specific assets giving them a tailored, holistic view of their holdings and portfolios.

All the logic is your logic – no black-box calculations.

The platform quickly gives asset managers and investors the ability to view their holdings with up-to-date, accurate ESG metrics, underlying data and trend information.

...alongside their existing financial performance analysis.

Underpinned by:
- 24/7/365 availability on Microsoft's Azure platform
- A delivery team fully setup to work remotely, ensuring resiliency & agility
- World-class delivery partners, in ESRI and Microsoft (co-sell Partner)
Open Data Integration

CadDo ESG is designed to work with your data providers

Open Data Sourcing

CadDo ESG is designed to take feeds from the host of data maintained by your analysts

Underpinned by our proven abilities to collate disparate data sources, and identify & manage inconsistencies and/or discrepancies
Able to provide a holistic view, needed to support new standards such as IORP II

All Asset Classes
- Equities
- Funds
- Bonds
- Commodities
- Illiquid Assets

Non-Financial / ESG Metrics
- Voting History
- Engagements
- Relationship Management
- Screening Results
- Outlier Identification

Additional Information
- Climate-related CapEx
- ESG-related Initiatives
- Related Subsidiaries
- Geographical Spread
- Climate-related Disclosures
Able to meet multiple reporting needs with the same underlying capability

The platform can meet any ESG reporting requirements, off the same underlying technology

For instance, CadDo can deliver interactive Portfolio-manager toolsets alongside Investor-level reporting
Step 1...Determine ESG Scores for base securities

CadDo ESG

The starting point for any solution, is the ability to produce meaningful and usable ESG Scores

...A single indicator of the overall ESG performance, in accordance with the priorities and preferences of you & your investors

CadDo ESG delivers that out-of-the-box

Live demo...
Portfolio Management is complex

‘Direct’ ESG Scores can only be calculated for base securities (equities, bonds etc)

But investors buy funds to build their portfolios

Funds consist of mixtures of base securities & other funds…which in turn may own other funds…eventually getting down to base securities

How do you get from the client’s portfolio, down through the layers of funds, to the base securities and their ESG Scores?

And then how do you roll that back up to a portfolio-level ESG score?
CadDo Calculate Solves The Problem

Our CadDo Calculate engine is designed, from the ground-up, to solve problems like this

From parent-child relationships, to recursive allocations, CadDo Calculate delivers what’s needed

We build bespoke models inline with your requirements, but based on our extensive experience

All models run within our CadDo Calculate toolset meaning logic is auditable, controlled and visible

Live demo...
And CadDo is also much broader than ESG

CadDo Transformation
Technical expertise in data integration and business modelling with unique cross-functional skills

CadDo Calculate
Class-leading calculation Software as a Service (SaaS) running on Microsoft’s global Azure platform

CadDo Analytics
Track record of helping clients improve business performance using Data Science methodologies

Underpinned by expertise in profitability & sustainability data, and analytics we help our clients in a broad range of areas, such as:
- Customer & Product Profitability
- Connecting Disparate Data Sources into a Single Version of the Truth
- Holistic Customer Investment

All delivered by a team of cross-functional experts across all these areas, allowing our 3-step model to be delivered efficiently without separate resources
The flexibility to build a model that works for you

Define, Process and View data in one place

Define your drivers and logic

Build Scenarios & Hierarchies
## The CadDo solution

### Our Solution
- Fully hosted. CadDo provide all the technology, management & support
- Fully customisable based on your changing needs & changing requirements
- Adaptive, enabling new features to be added quickly (days/weeks, not months)
- Fully scalable – the solution will grow and develop with you
- Client-specific reports, inline with your Marketing team’s requirements, with CadDo doing all development work

### Your Involvement
- Send your raw data as-is: no need to develop custom data extracts
- Your IT team can play as big or small a part as desired, from day-1 and into operational running
- Provide new requirements in a flexible way (mock-ups, drawings etc.): no functional specs!
- You focus on your business requirements, we do the rest
The process to go-live

**Design**
(weeks 1-2)

- Outline end-state reports
  (Fully remote via 1-3 design calls)

- Analyse required data
  (100% CadDo)

- Collate data, in currently available formats
  (100% client-side)

**Development & Go-Live**
(weeks 2-8)

- Build model
  (100% CadDo)

- Build reports
  (100% CadDo)

- Review & approve reports
  (Fully remote having calls as needed)

Iteratively move between design & development phases

Post go-live this agile development process continues to deliver new features
Reporting / Toolset Example

Screenshots

Portfolio-manager Toolsets
The flexibility to see data by Portfolio, or the entire Universe of Issuers

See the whole universe of Issuers

...Or see a summary by Portfolio

See the ESG Score...or a score by E vs. S vs. G

Then drill into Portfolios & their holdings
The breadth to include a whole range of metrics and trend analysis

Add extra 'leading' indicators

See trend analysis

Highlight key SDG metrics

Drill through to see further details
The flexibility to define ESG Scores that suit your needs

Define multiple sets of criteria

Define your key metrics

Define your priorities by weighting each metric
Reporting / Toolset Example

Screenshots

Investor-level Reports
Easy-to-navigate interactive reports, with key Dashboards
Ability to drill to lower levels of details, dependent on the Investor's needs