Data Usage

ECB Operations Managers Group

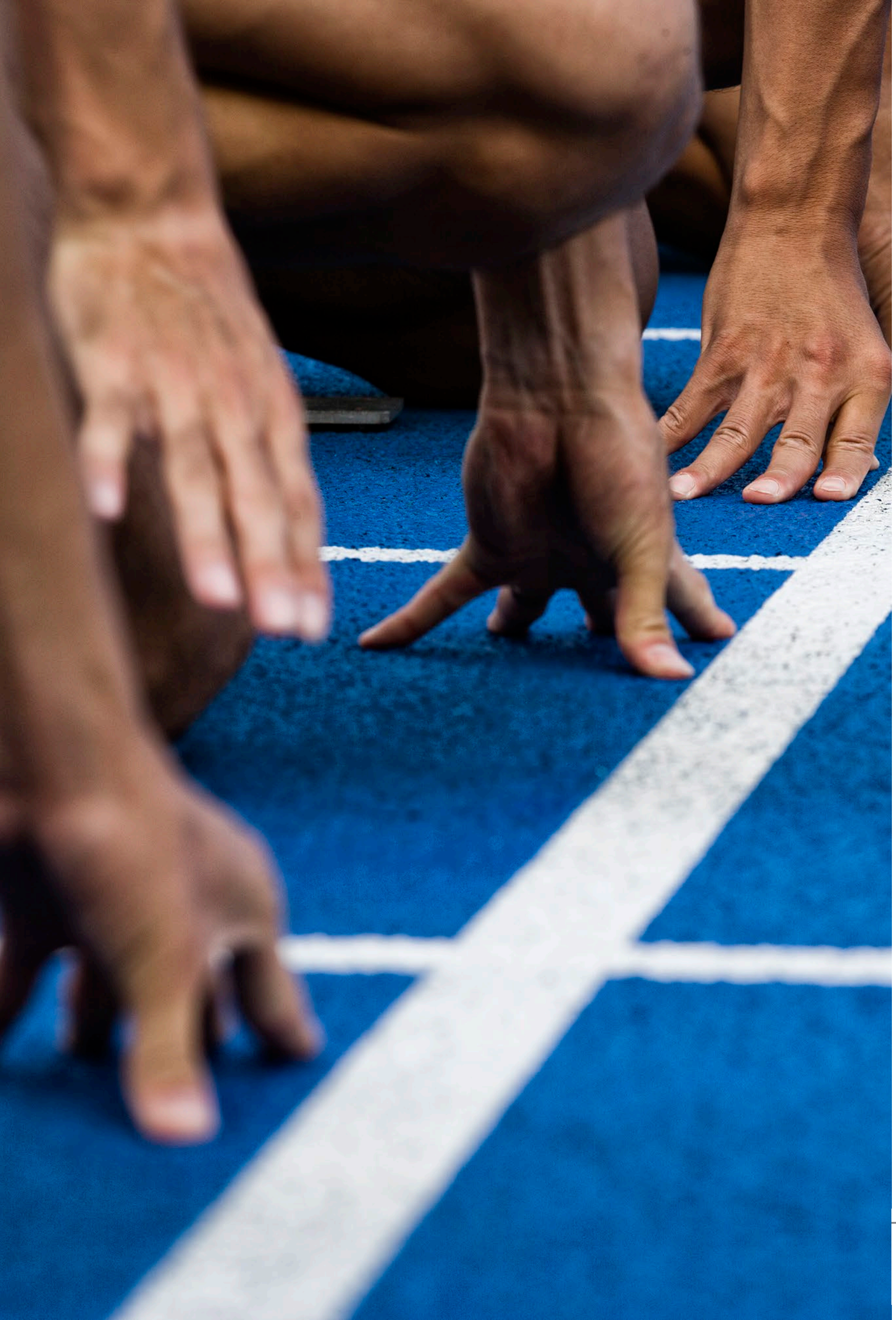
17th March 2022

Securities & FX Operations

Christian Wennerberg

Nordea

ASSET MANAGEMENT



How did we start ?

- We started with a vision; *"Technology and data are inseparable parts of post-trade, we want to utilize innovative developments and data available – in order to pinpoint issues and monitor performance, automate repetitive task, increase scalability and create focus on exception handling"*
- Right people and competences
- Data mining – what data is available
- Cleaning data – is it the right data and consistent
- Make data easily accessible to all – powerBI

Stepwise implementation

Crawl	Walk	Run	Fly
• No formal reporting • Inconsistent data collection • Passion-driven decisions • Lack in systems	• Data not linked to results • Results rarely used for improvement • Data results not shared between departments	• Multiple data sources • Discussed in staff meetings • Used for planning and decisions • System and structure for data collection	• Organizational KPIs or results • Organizational dashboards • Data shared across departments • Formal process for analysing, discussing, and applying results • Data visualization

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What do we use data for ?

1. Improve people’s lives
   - Measure and act
2. Make informed decisions
   - Good data provides indisputable evidence
3. Find solutions to problems
   - Data allows us to more effectively determine the cause of problems
4. Get the results you want
   - Data allows us to measure and determine if a solution is effective or not
5. Keep track
   - Easy to establish baselines and keep track of goals

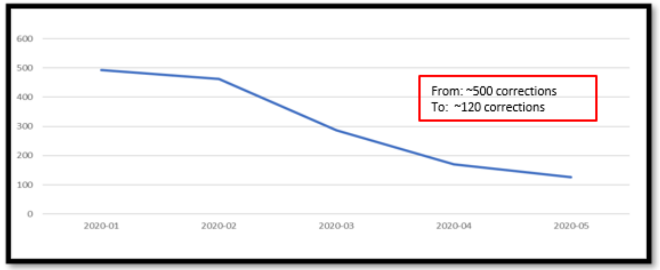
Case: Data Dashboard

- Overview and Transparency
- Analyse and Optimise
- Stakeholder Management
- Input to Front Office

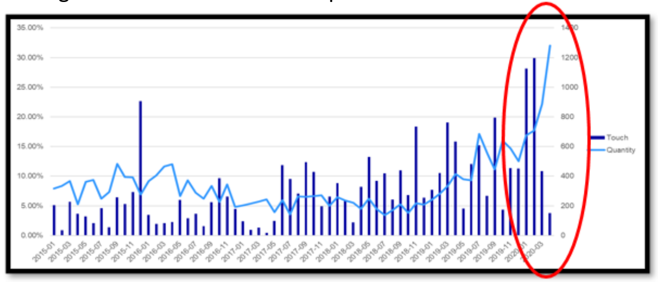
Case: Development ROI

1. Use data to prioritize developments
2. Measure before/after implementation
3. Data wins argument

Used data to calculate new tolerance



Rising volume led to new development



What's next ?

- More use of data in Operations
- Diversified workforce – new profiles
- Machine Learning / AI / Blockchain
- Predict issues before they happen
- Experiment more to innovate

Nordea Asset Management at a glance

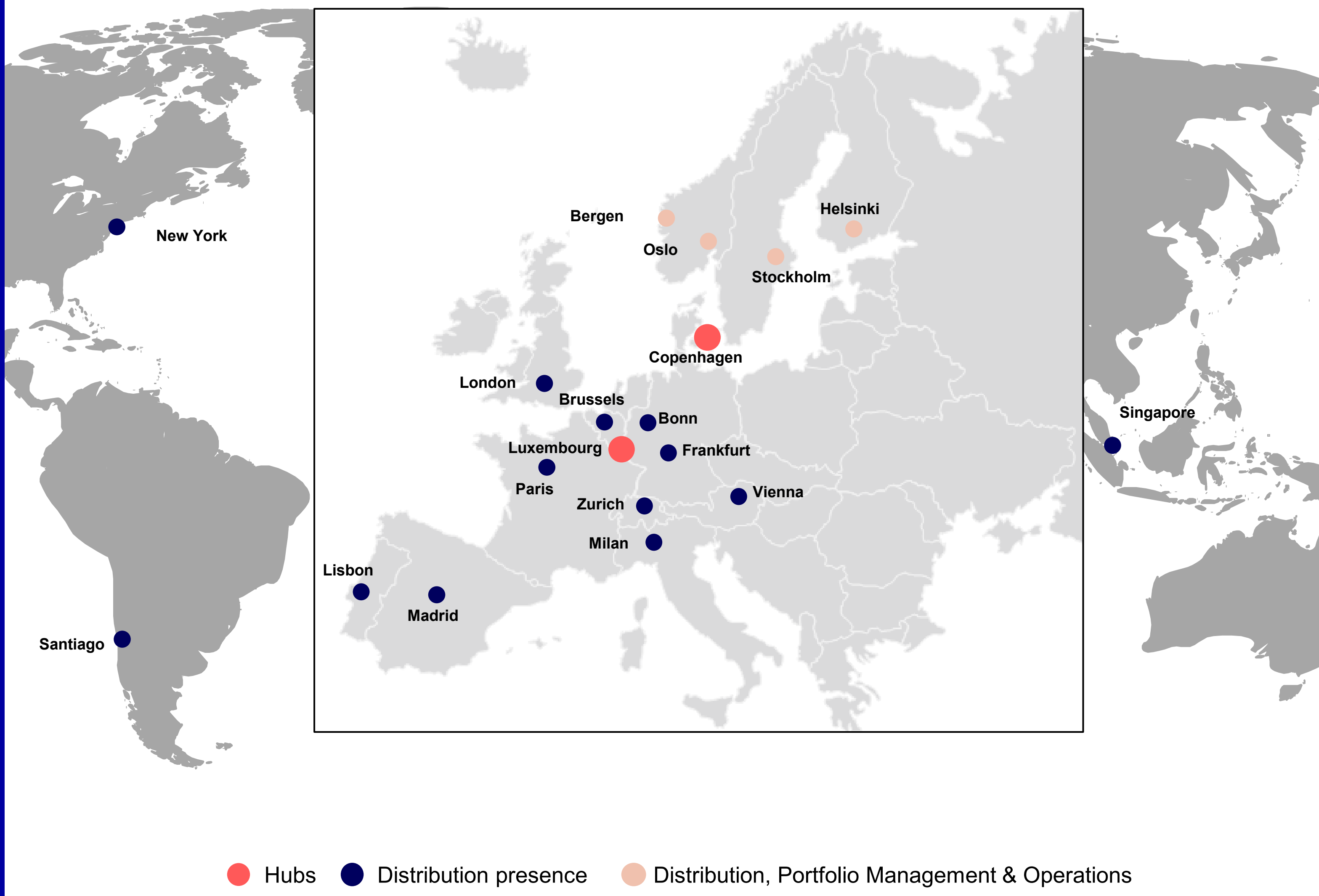
The largest asset manager in the Nordics with growing European presence and business

- The largest Nordic Retail fund provider, with a 16% market share
- Servicing ~500 Nordic & International Institutional clients
- Growing 3rd party fund distribution franchise servicing ~300 international fund distributors

Dedicated to active management

- Our production strategy is based on core products managed by internal independent investment boutiques supplemented by complementary offerings from carefully selected external managers on an exclusive basis
- AuM of €292bn as of end Q4 2021
- ~875 FTE's including ~230 Investment specialists

European asset manager with a global reach



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Thank you!

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