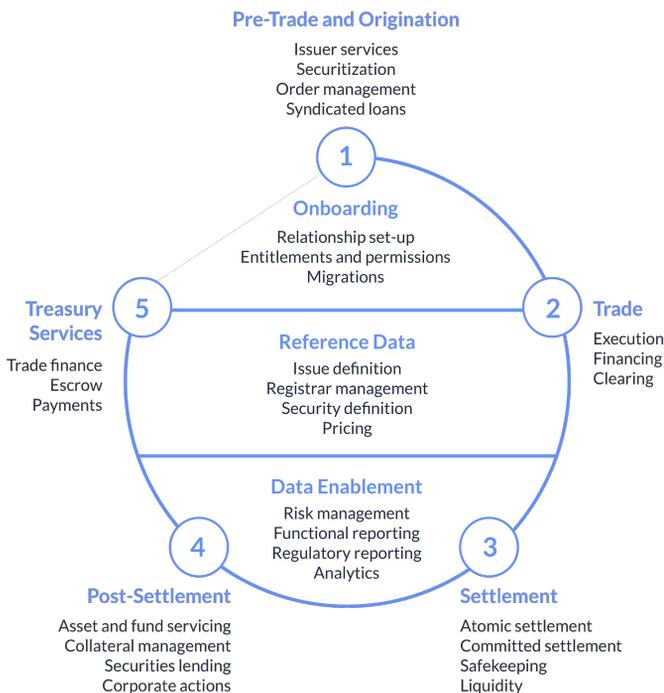# Power innovation in capital markets with Λ daml

Regulatory change, pressure to de-risk, and the increasing threat of competition from emerging or non-traditional providers have become the new status quo in capital markets. Even as you strive to adapt, you must still seek capital and business efficiencies and bring new products to market. Too often, outdated and siloed systems stand in the way - creating a bottleneck to change and restricting innovation.

Daml is the smart contract language

that simplifies multi-party workflows and enables rapid innovation at scale.

End-to-end innovation

Daml is uniquely suited to redefine and streamline the end-to-end lifecycle of financial services functions, fostering growth by helping you create differentiated solutions and maintain a competitive edge.

Pre-Trade and Origination
Issuer services
Securitization
Order management
Syndicated loans

1

Onboarding
Relationship set-up
Entitlements and permissions
Migrations

Treasury Services
Trade finance
Escrow
Payments

5

2 **Trade**
Execution
Financing
Clearing

Reference Data
Issue definition
Registrar management
Security definition
Pricing

Data Enablement
Risk management
Functional reporting
Regulatory reporting
Analytics

4

3

Post-Settlement
Asset and fund servicing
Collateral management
Securities lending
Corporate actions

Settlement
Atomic settlement
Committed settlement
Safekeeping
Liquidity

Clients using Daml have achieved meaningful reduction in cumbersome processes, operational overhead, and capital requirements.

Smart contracts drive smarter solutions

Get to market faster.
Become more competitive and drive revenue by quickly launching new products, with technology that is simpler to create and deploy on top of your existing stack. And, as business needs evolve, Daml's portability makes it easy to engage with new partners and facilitate growth.

Propel STP+ with integrated workflows.
Streamline processes across asset classes or functions and with internal partners or external clients and counterparts. Mutualized workflows allow multiple steps to happen concurrently, creating efficiency and reducing cost.

Improve transparency and accuracy.
Work from a single, real time source of truth, removing ambiguity and eliminating the need for costly, duplicative reconciliations among parties. For each chain of events, extract clean, structured data to drive analysis and grant permission to supervisory bodies to monitor relevant activities and confirm compliance.

Reduce risk.
Use digitized end-to-end processing to keep systems in synch, validate market rules, and know the status of workflows and transactions at any time. Clearly defined rights and obligations, combined with fine-grained permissions, ensures that information is shared with those who need to know it, when they need to act on it.

Facilitate market-wide efficiencies.
Support regulatory change and drive industry standardization with enterprise-grade solutions that reimagine or improve complex multi-party processes across structures and workflows.

Daml-driven solutions for Capital Markets

Here are just some of the ways that institutions and key infrastructure providers have used Daml to solve persistent business issues, more quickly adapt to evolving regulations, and create opportunity.

Innovate

The **Australian Securities Exchange** is completely replacing its 25+-year-old clearing and settlement system -- CHESS. Daml powers the DLT solution that will provide ASX and its members with a solid foundation for clearing, settlement, and new post-trade services. The resulting system will enable ASX's customers to develop a **new generation of innovative products and services** for market participants.
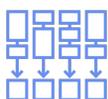
Improve Workflows

Broadridge, a leading provider of investor communications, technology-driven solutions, and data and analytics, is using Daml to create a managed repo solution that runs on distributed ledger technology. The platform will allow for a much more efficient environment to execute repo transactions, significantly improving operational efficiency and reducing risk by **streamlining current bespoke, manual processes**.

Reduce Risk

The **HKEX** Stock Connect program enables investors to trade China-listed A-shares, but for out-of-time-zone participants, a tight T0 settlement cycle places exceptional reliance on Local Custodians, which introduces unique settlement risks. DA demonstrated how Daml can create a new **straight-through post trade process** with trade level privacy and full integration into HKEX's CCASS system. The Daml-driven workflow **accelerates processing, eliminates errors**, and ultimately **decreases settlement risk**.

Drive Industry Standardization

Digital Asset has been working with the **International Swaps and Derivatives Association (ISDA)** to not only standardize how derivatives data and events are represented, but how that data is processed. Daml is the only smart contract language that ISDA is currently using as a blueprint for how derivatives are traded and managed across the trade lifecycle to **ensure consistency, adoption and standardization** across firms, while providing a **common foundation** for cross-market consistency and interoperability.

Unlock innovation today

Our team has an unparalleled breadth of capital markets experience and technology expertise. We welcome the chance to help you explore the opportunities that DAML can unlock.

About Digital Asset

Digital Asset helps companies of all sizes and across industries get distributed applications to market faster, and stay there longer. At the core of our service offering is Daml, an open source and platform-independent smart contract language that enables developers to write an application once and deploy it anywhere. Our global team of professionals is comprised of experts and innovators from technology, engineering, enterprise domains and the industries we serve.

Learn more and view additional case studies at https://digitalasset.com, or

Download the SDK and view our capital markets reference applications at https://daml.com

Connect with us on Twitter: @digitalasset @damldriven

Set up a call or meeting by contacting us at sales@digitalasset.com