

Are current green investments really green?



greenwashing [grəən-wash-ing] /verb

- 1. Is a term used to describe the marketing tactics used by big-name, fast-fashion companies to advertise their new supposed sustainable lines of clothing.
- 2. The process of conveying a false impression or providing misleading information about how a company's products are more environmentally sound.

"Greenwashing is rampant."
International Accounting Standards Board, 2019

End-to-end digitalized green bonds

Challenges

- Current capital market infrastructure not built for Green Finance
- No trustworthy tracking of funding to projects
- ❖ Issuance, compliancy reporting is manual → high costs, greenwashing- and error-prone

Solution

- Green-by-design infrastructure; tracking and reporting of ESG data
- Secure and trustworthy integration of certified ESG data
- End-to-end digitalized systems, ensuring regulatory compliance with EU Green Deal

Smart Financial Instruments - Why now, why in DK?

- ❖ DK at the forefront of upcoming **EU financial and green agenda** regulation for fully digitalized Green Bond market in 2024.
 - No existing technology and marketplace for trustworthy green finance
 - DK as core market for bootstrapping two-sided green finance market
 - Large pension funds and insurance companies as investors

End-to-end digitalization

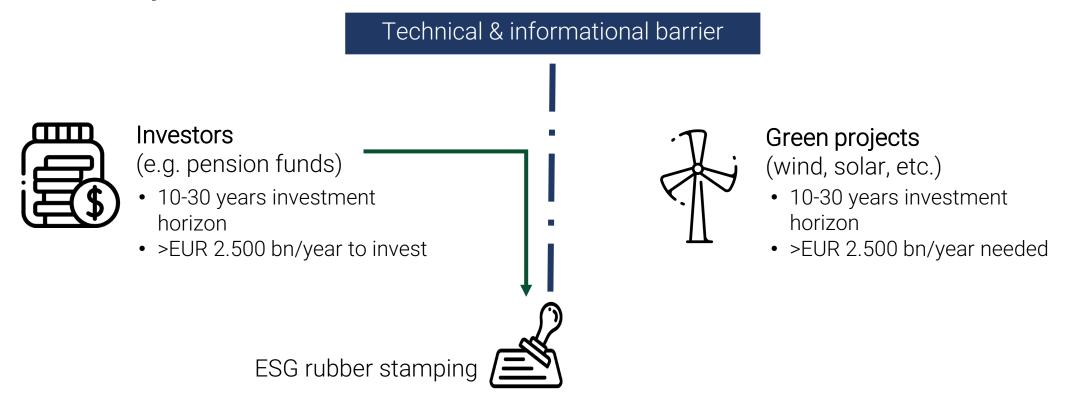
- Lower issuance and transaction costs
- Automated tracking and reporting of climate impact data

Exponentially growing green financing demand

- ❖ DK pension funds have pledged to invest 350 billion DKK into green transition by 2030
- EU Green Deal Investment Plan: 7.5 trillion DKK by 2030

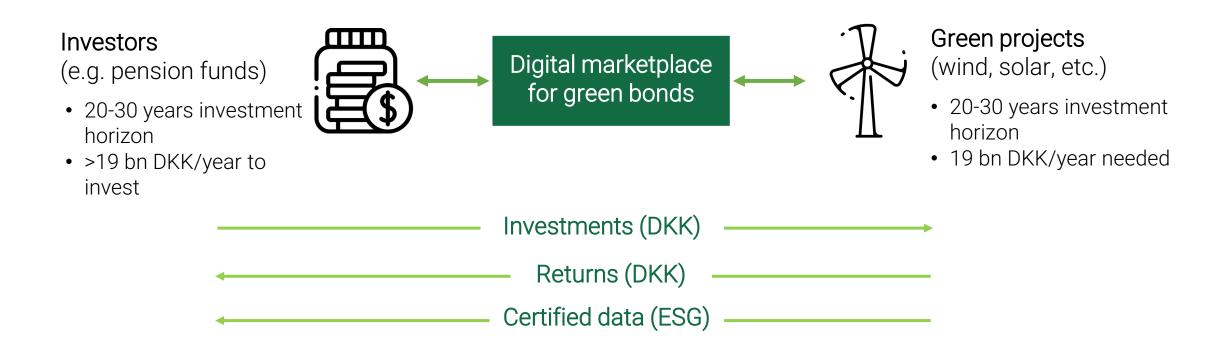


Current capital market infrastructure:



Investors keen/required to place investments in ESG projects are faced with 'green' rubber stamping of opaque projects

Smart Financial Instruments Platform



A digital exchange for green bonds allows for funds to travel to true ESG projects – efficiently and transparently

SFI: Connecting green bond issuers and investors

ISSUERS Registry of Trustworthy Green Tech Instruments Information **Public Utility** Smart **Public Private** Contract Partnerships Technology Industry **Financial** Distributed services Climate Ledger **Impact** Technology

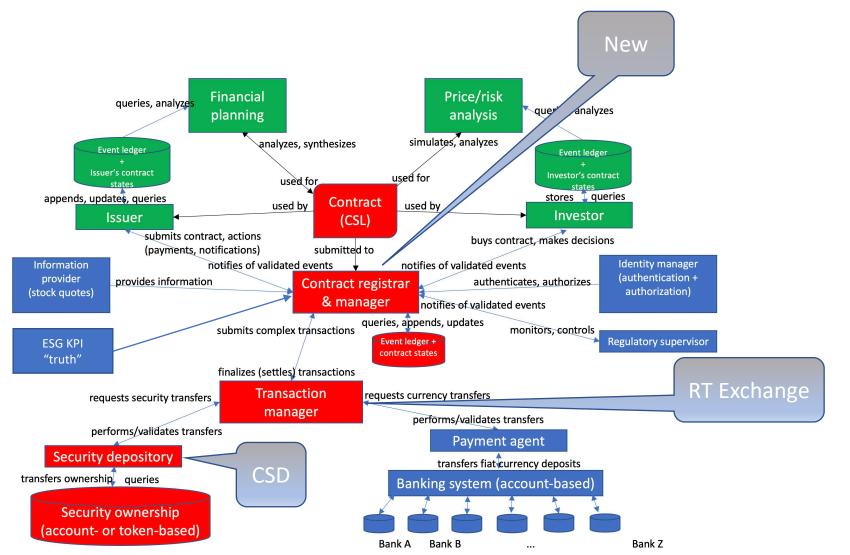
INVESTORS

- Pension funds
- Private equity
- Corporations
- Public equity
- Insurance companies
- Mutual funds

The solution is end-to-end digitalized, employs state-of-the-art languages and frameworks, and can be deployed on multiple execution platforms simultaneously



SFI: Business and technology architecture details



Highlights:

- DSL for financial instrument design
 - E.g. bespoke derivatives
- Permissioned DLT, not blockchain
 - Very high transaction rate
 - Very high energy efficiency
- Real-time clearing & settlement
- Transactionality/atomicity (DvP, etc, with advanced netting)
- Integrates with legacy systems (bank account systems, CSDs) and emerging systems (blockchain based NFTs, crypto/token-based registries, AMMs, ALPs, etc)
- Demo (WIP):
 https://www.deondigital.com/2021/11/ deon-digitals-smart-financialinstrument/

FT Lab project

• To be discussed in meeting incl draft application

Questions / Next steps?