

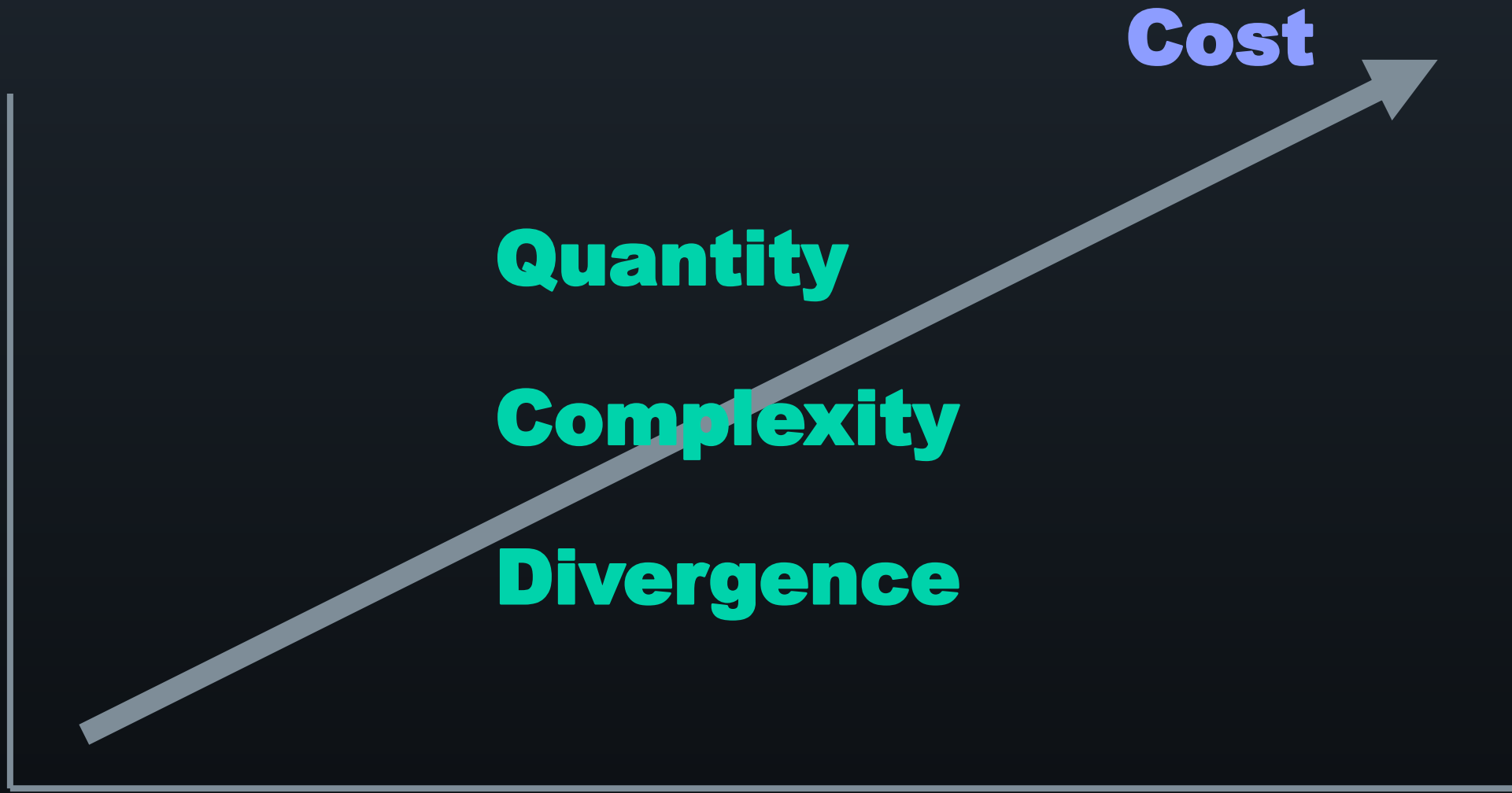
Taming the regulatory beast

The route towards digital regulation

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State of play today





Highlights from 2019 research on the regulatory landscape



- 374 regulatory initiatives in play by 2021
 - 90% applicable to both buy and sell-side firms
- Firms still predominantly using a "project-based, highly-manual, siloed approach"
 - Expediency is expensive



Intolerable complexity

Regulators



A word cloud containing the following regulatory bodies: PRA, CFTC, ECB, FINTRAC, FCA, SEC, MAS, ASIC, FSA, ESMA, AMF, FINRA, and SFC.

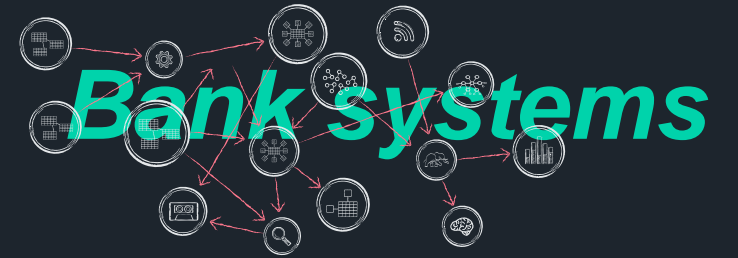
X

Regulations



A word cloud containing the following regulations: MAS 610, Dodd Frank, TRIM, LIBOR replacements, FRTB, BCBS 239, and EMIR 239.

X



$$n^3$$



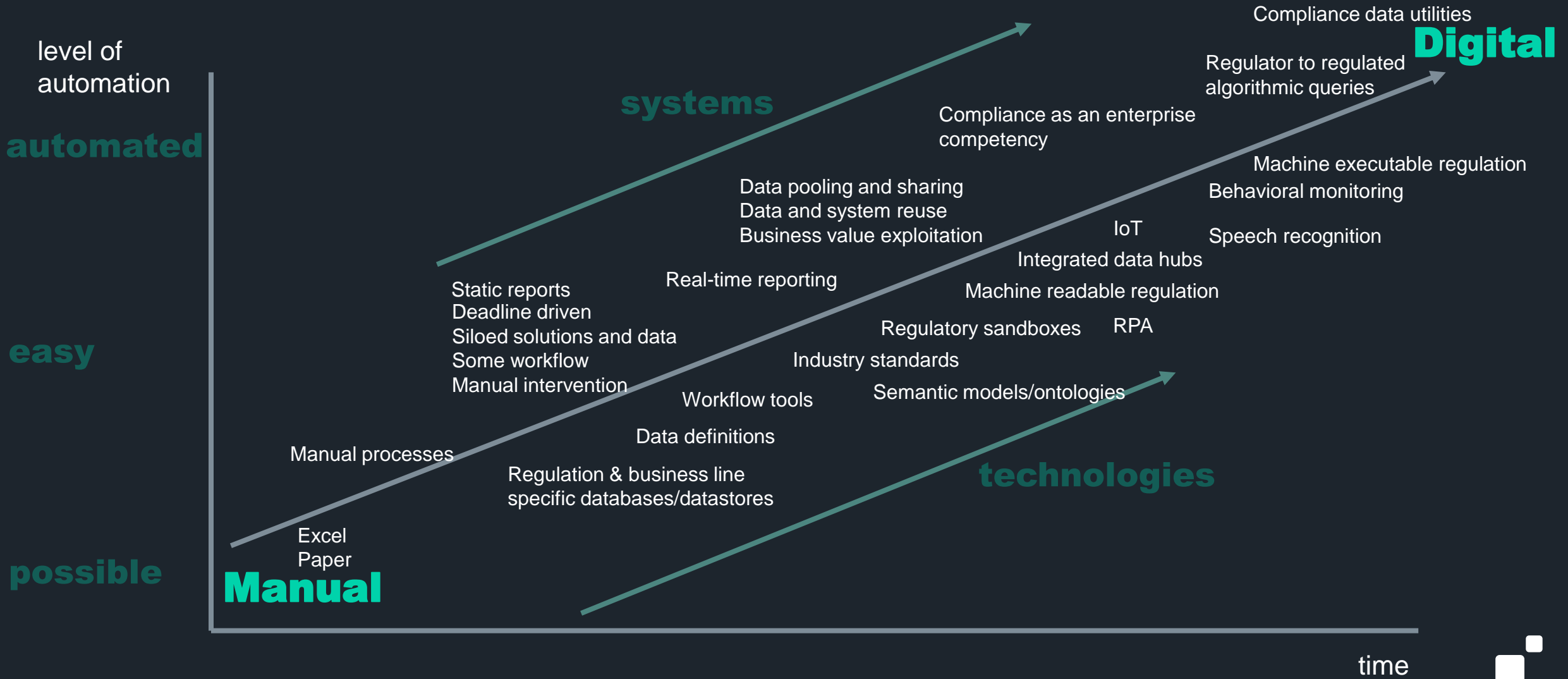
The path towards “digital regulation”



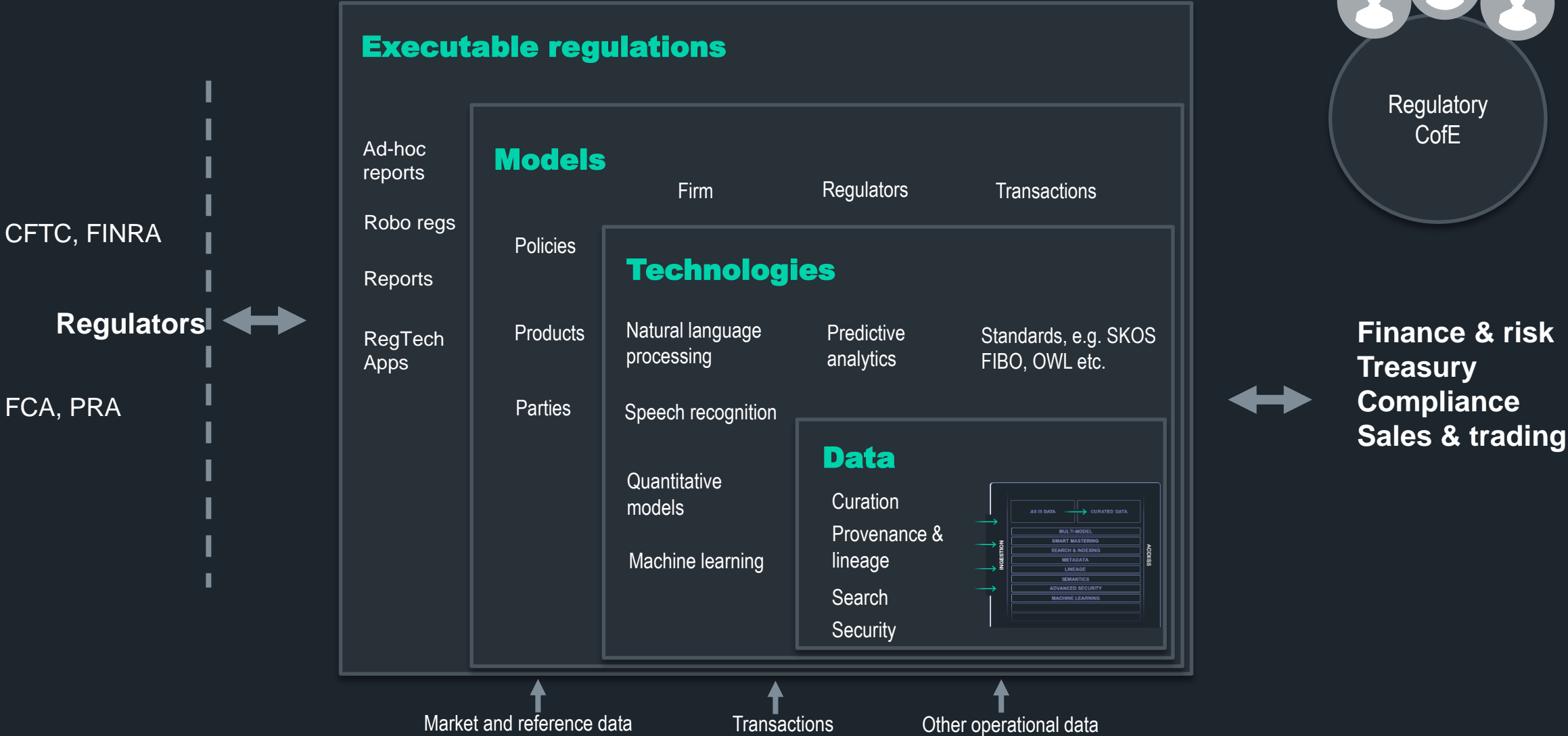
“Digital regulation is the use of models and machine-executable regulations that enable automated querying and reporting on regulated firms’ transactional, product, communications and other data sets to ensure safer markets at a lower cost”



Digital regulation evolution



A “digital regulation hub”



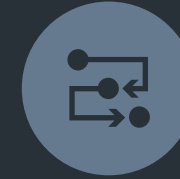
Data hub capabilities



“Data first” approach



Multi model support



No direct access to source data sets



Provenance and lineage of data



Data security and access



Analytics and machine-learning



To conclude – 4 recommendations

1. Digital regulation is a process, not an event
2. Work iteratively
3. Collaborate. Internally, with regulators & peer organizations
4. Break down data silos, don't create new ones



Thank you

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