



ABN AMRO Digital Transformation using Public cloud

- ISACA Risk Event
- Bussum
- 16th November 2022
- Stefan Simenon

Introduction



- Stefan Simenon
- Head of Public Cloud Azure Platform
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- Studied Physics & Information Technology
- 20+ years IT experience in various roles
- Multiple AWS - Azure cloud & Security certified
- CISSP | CCSP | CISM | CRISC | CGEIT certified
- Currently responsible for Public Cloud Platform implementation at ABN AMRO Bank NV
- Public Speaker

Challenges Faced at ABN AMRO

Long lead time for infra delivery

Many separate departments involved

Many manual handovers and approvals

Error prone

Non repetitive

The Solution: Public Cloud

We enable public cloud, make it easily accessible, ensure fast delivery, co-create with our customers, provide support, provide knowledge and together develop innovative solutions for ABN AMRO

Business value



Faster business innovation
through adoption of cloud services

Efficiency



Efficient use of public cloud scale

Speed/Agility



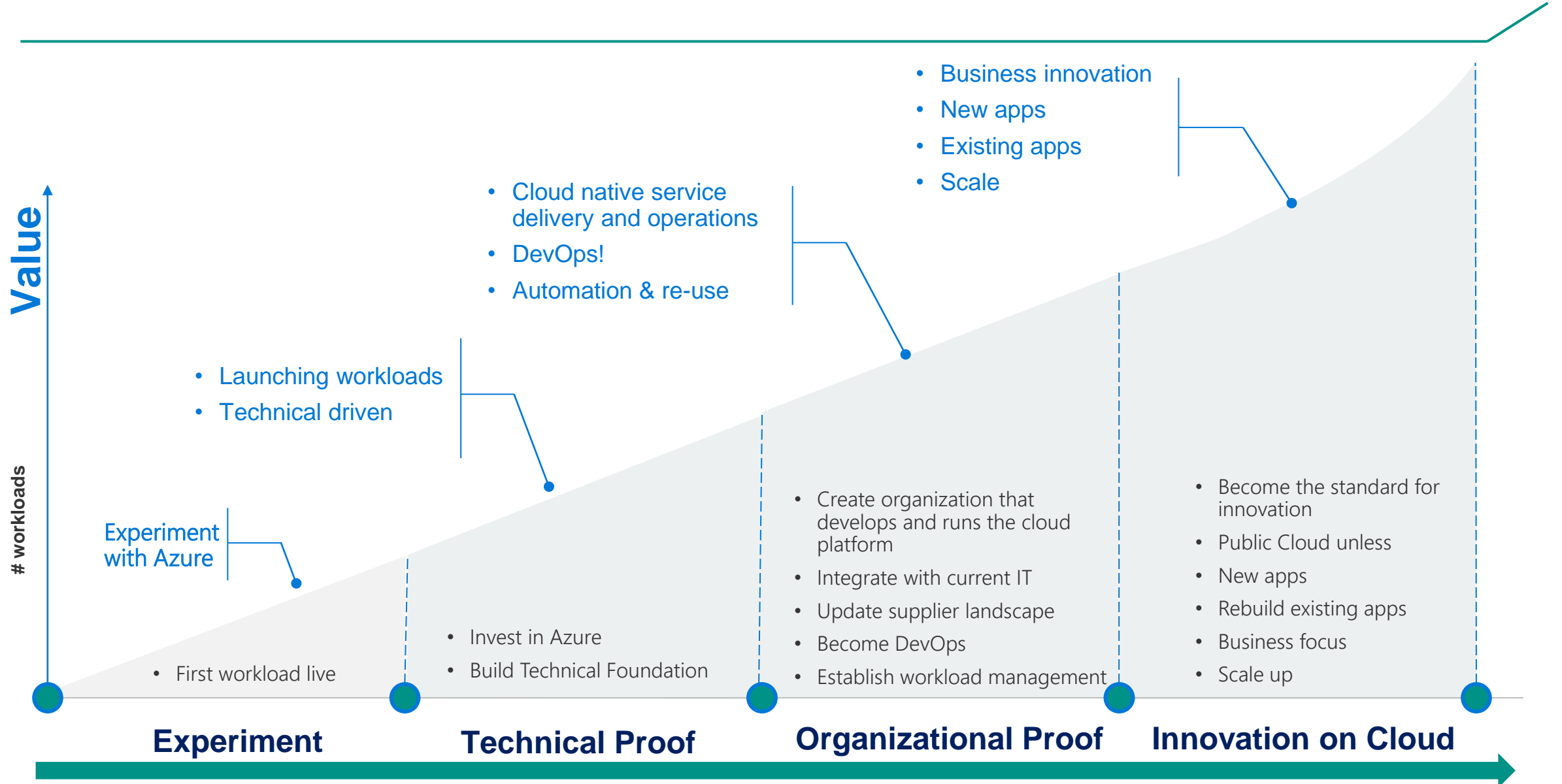
Business agility and reduced time-to-market through efficient DevOps teams

Risk reduction



Secure, predictable and flexible service delivery and operations capability

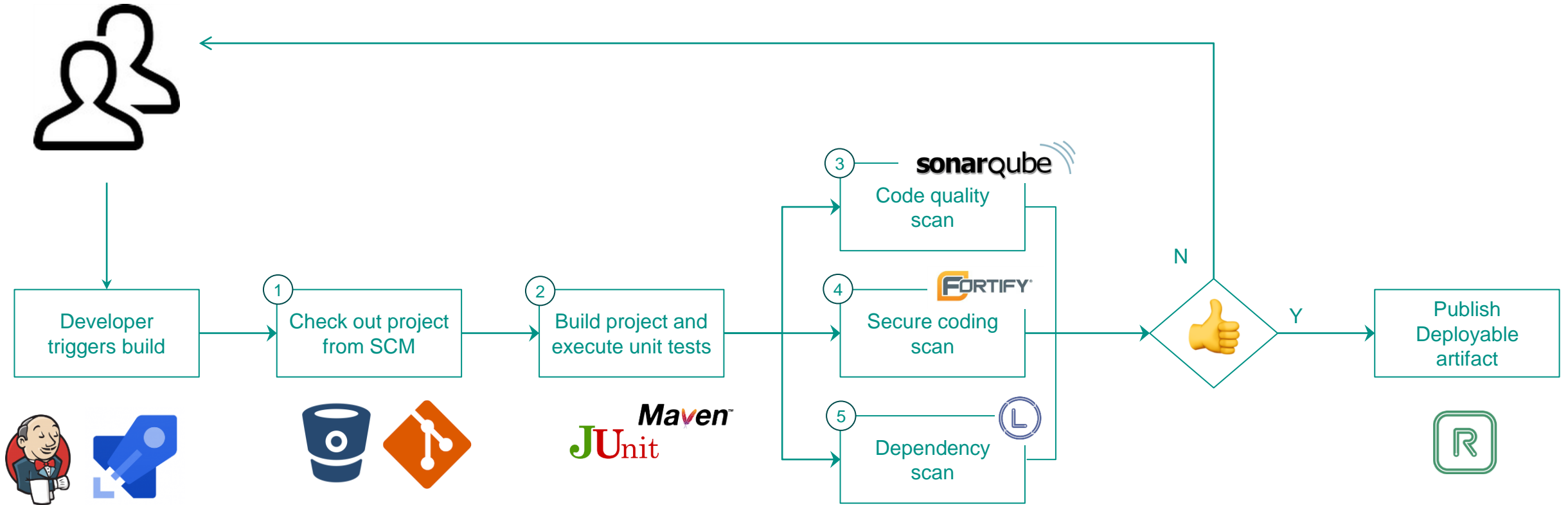
How did it start & Where are we today



Critical Successfactors



Example DevOps control: Continuous Integration



Security controls

1. Versioning
2. Unit Test coverage
3. Software Quality
4. Secure Coding
5. Open Source Library

Security improvements

Security training

Automated onboarding

Monthly rewards for teams delivering security improvements

Security quality gates in pipelines

DevSecOps meetups

Green light festivals

Security dashboard for senior management

Up to date open source policy

Achievements sofar



300 applications in production
450 applications in progress



> 2500 cleared certifications



Decreased CI build timelines

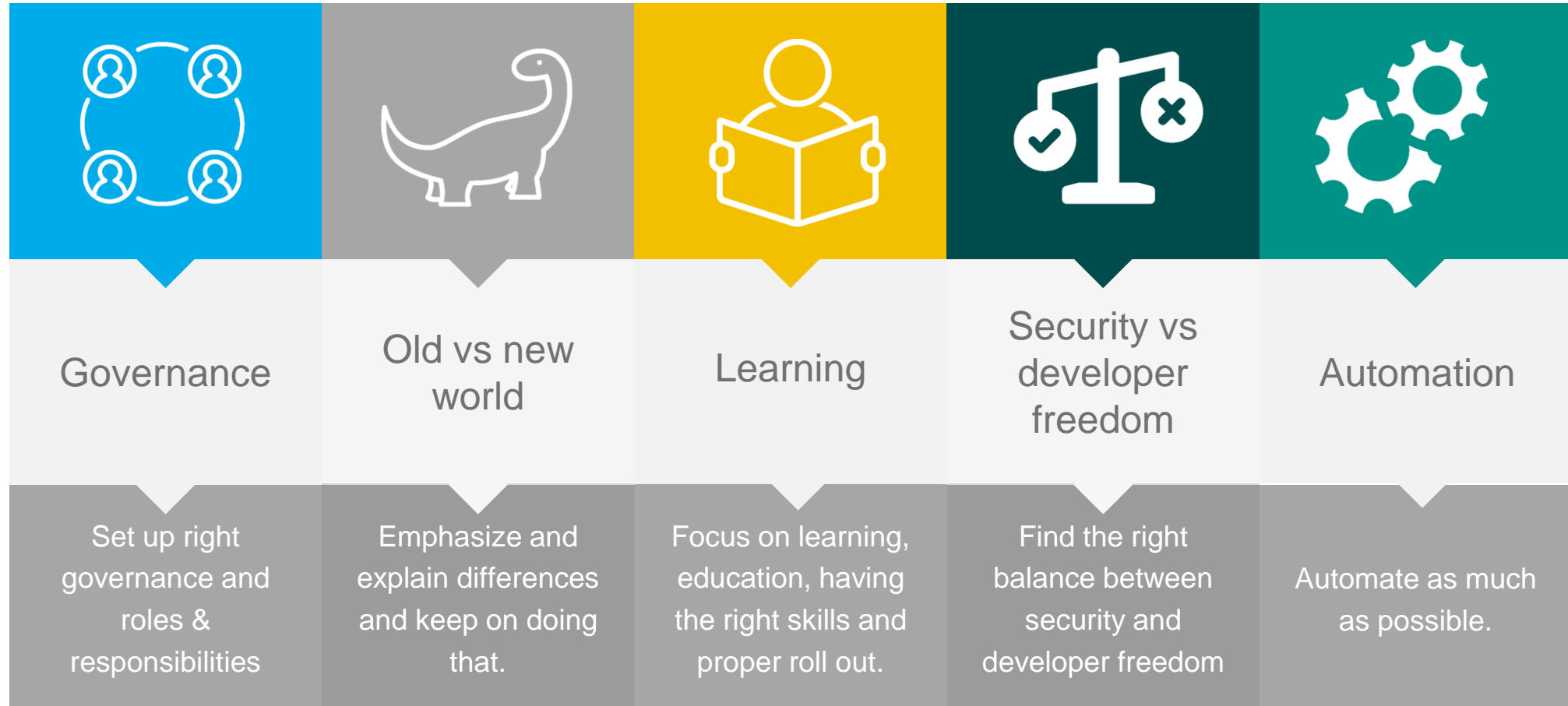
Improved Time to Market

Improved Software Quality

Improved Security

Increased developer satisfaction

Lessons Learned



Questions

