

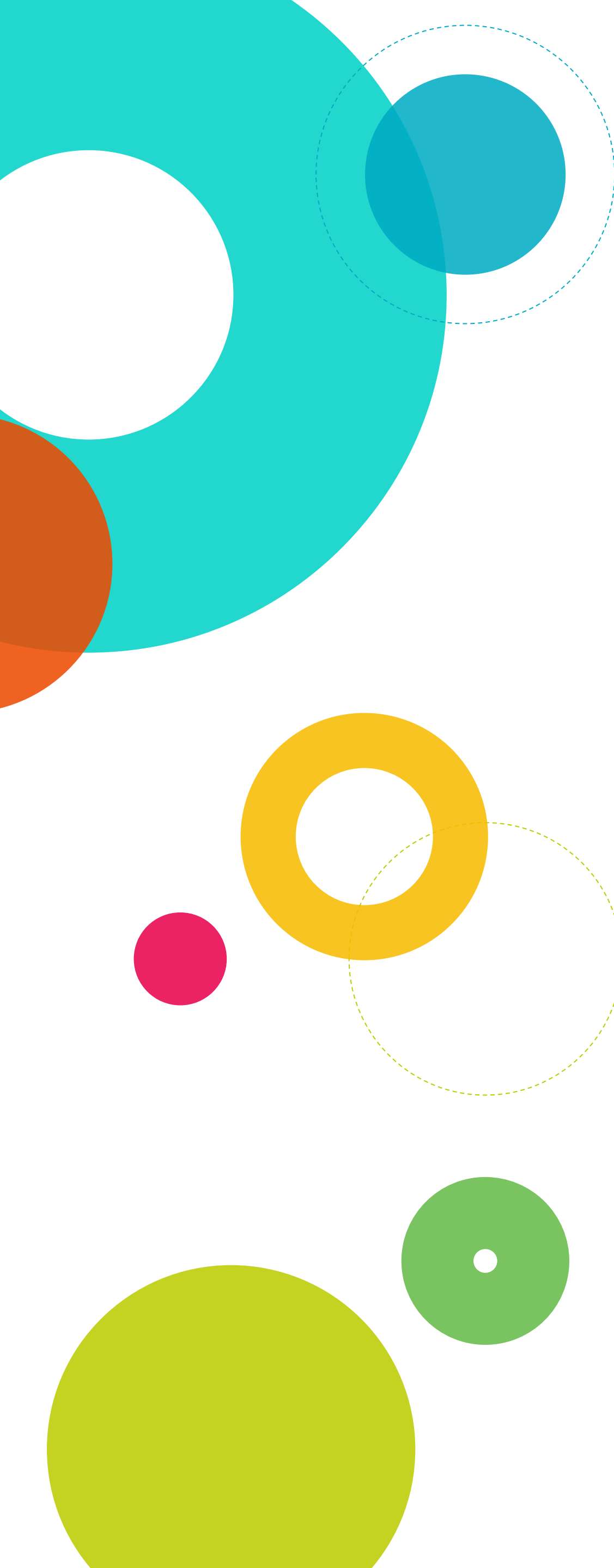
The background features a light gray dashed line that curves from the top left, around the central text, and towards the bottom right. Various colored circles are scattered around: a large teal circle with a white center in the top left; a medium blue circle next to it; a large lime green circle in the top right; a smaller green circle overlapping it; a small teal circle on the dashed line; a small pink circle on the right; a large orange circle below the pink one; a large yellow circle with a thick border in the bottom right; a small yellow circle on the dashed line; a large green circle with a white center in the bottom left; and a small lime green circle in the middle left.

Wardley Maps

@mcraddock

Wardley Mapping The Path. The Way.

- © Houses of Parliament - Cloud First (2012)
- © Cabinet Office - G-Cloud
- © Land Registry
- © AXELOS
- © Unified Patent Court (UPC)
- © Intellectual Property Office (IPO)
- © United Nations - Global Platform
- © GCATI - Training for all



Wardley Mapping

- © Platform Strategy
 - © Platform Business Model (Organisation)
 - © Platform Services
 - © Technology Strategy Handbook
 - © Privacy Preserving Techniques Handbook
 - © Digital Services Roadmap
- 

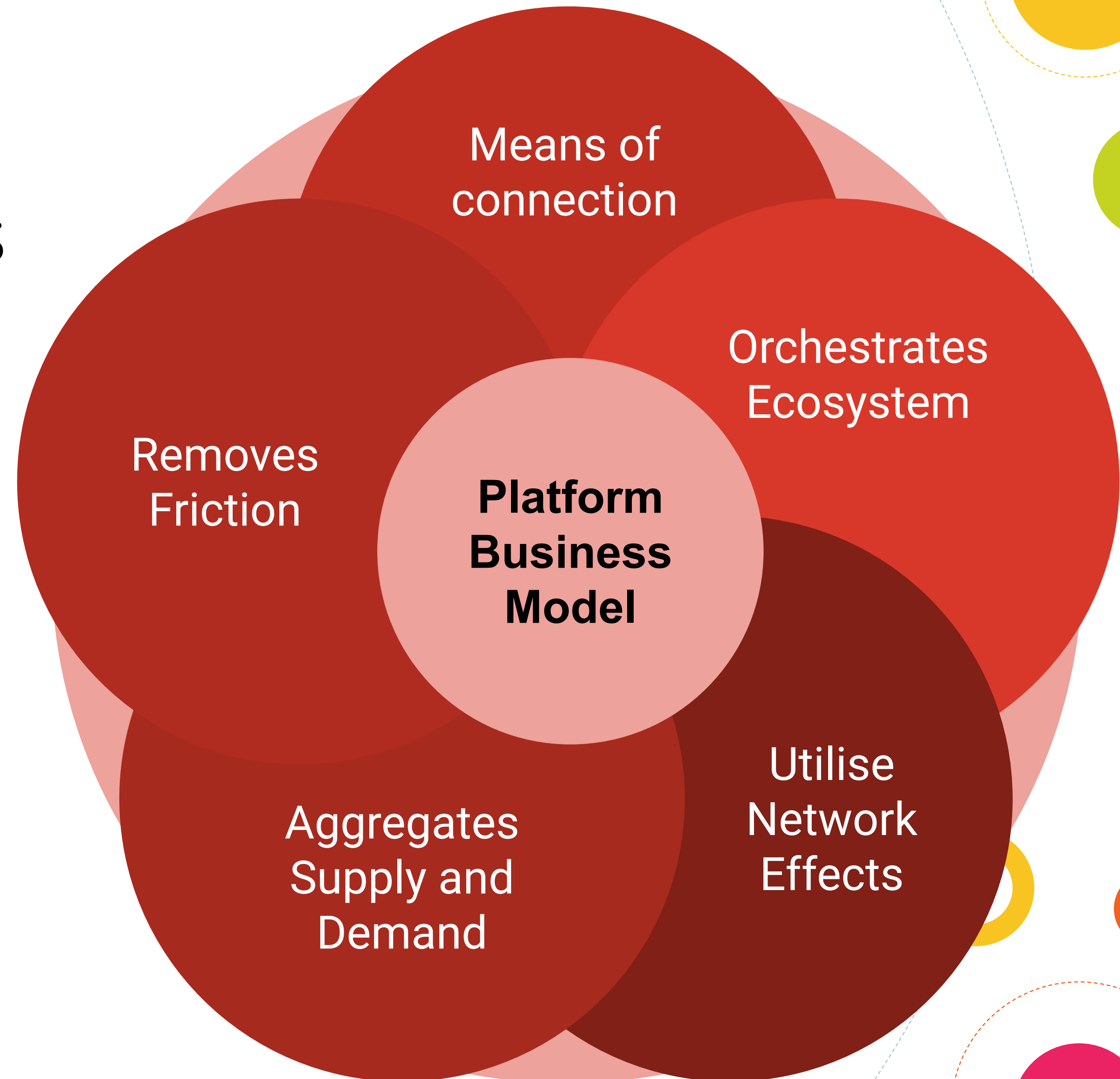



SUSTAINABLE DEVELOPMENT GOALS



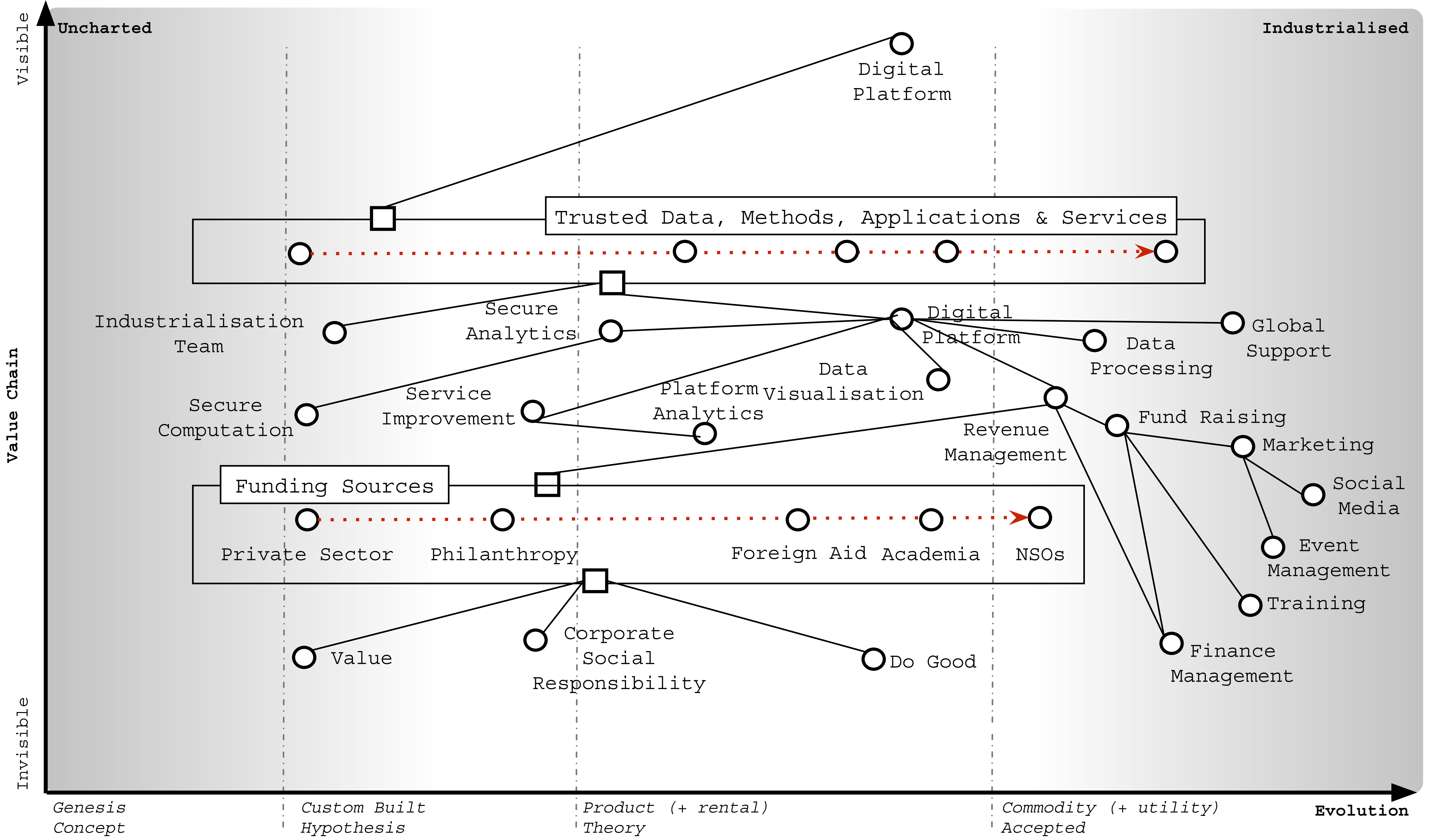
Platform Business Model

- © Shaping an ecosystem
- © Utilise the network effects
- © Aggregates supply and demand
- © Remove frictions
- © Can have more than one type of value exchange going on



The background features a collection of colorful geometric shapes, including solid circles, rings, and dashed circles in shades of teal, orange, yellow, pink, and green, scattered across the slide.

Platform Business Models
are also one of the best
organisational structures
for enabling rapid evolution



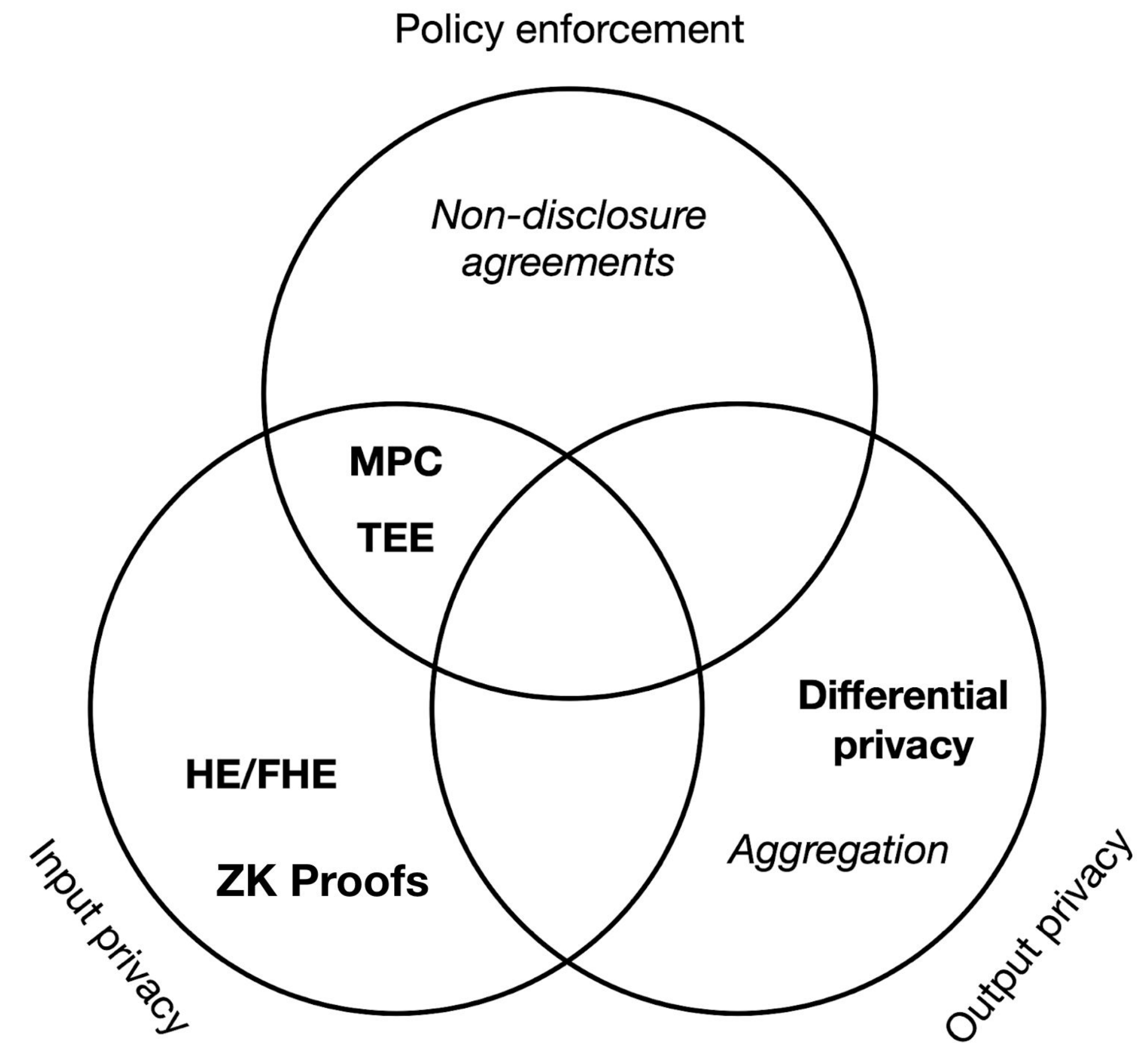


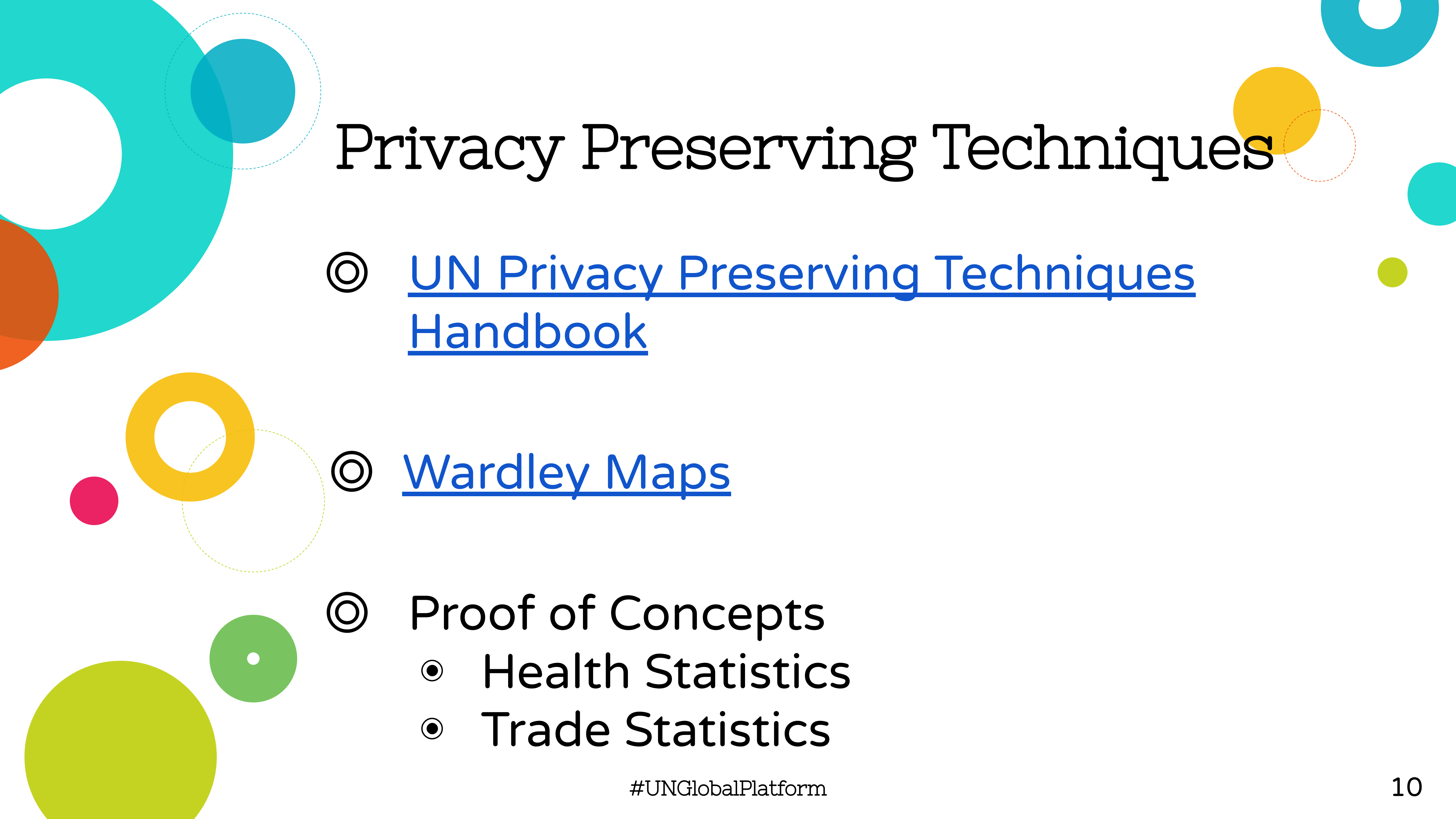
Technology Strategy Handbook

- © Wardley Mapping
- © Cloud
- © Machine Learning
- © Big Data
- © Serverless
- © IoT
- © Privacy Preserving Techniques

Privacy Preserving Techniques Handbook

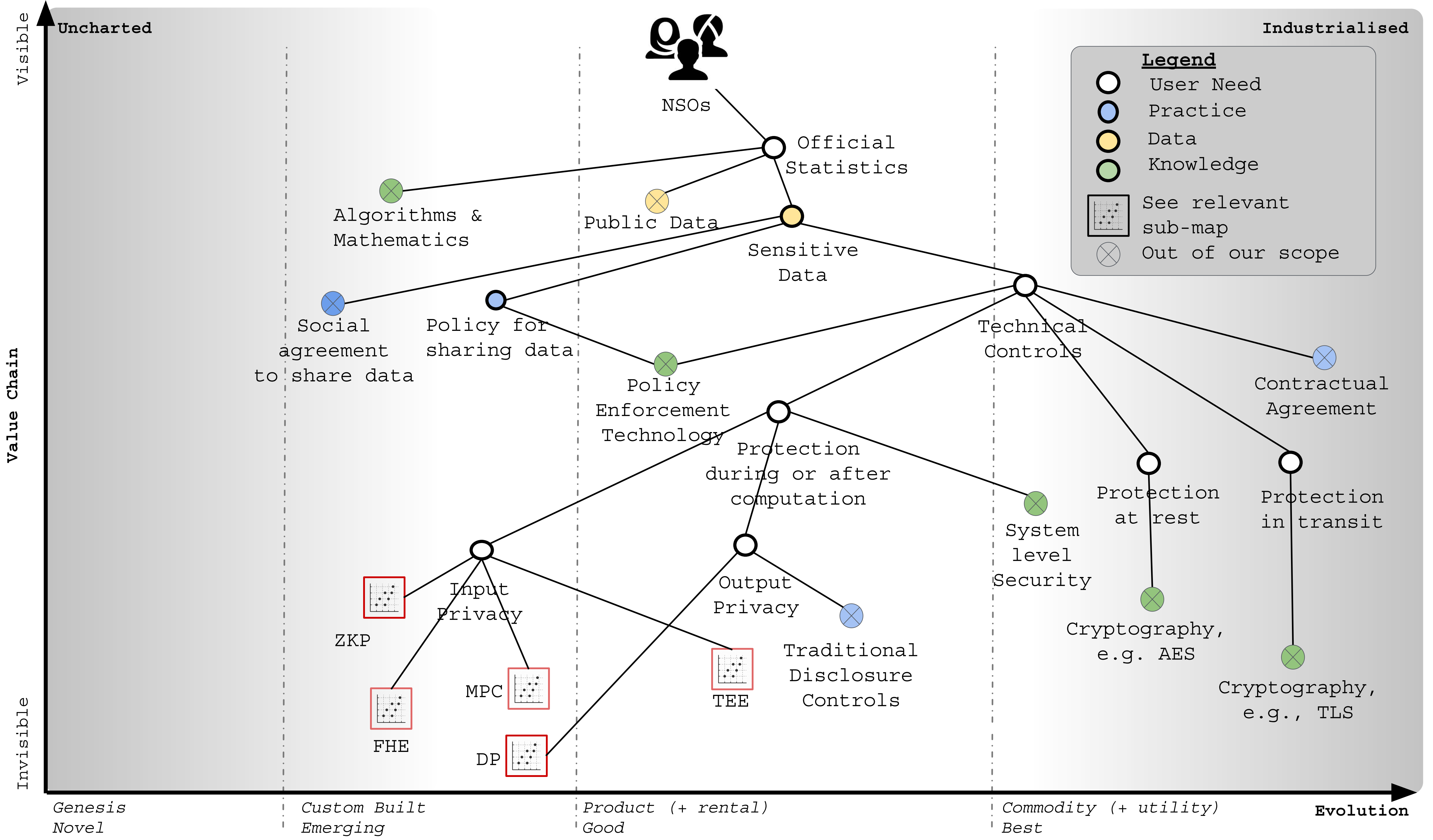
- © Multi-party Computation
- © Fully Homomorphic Encryption
- © Zero Knowledge Proofs
- © Trusted Execution Environments
- © Differential Privacy

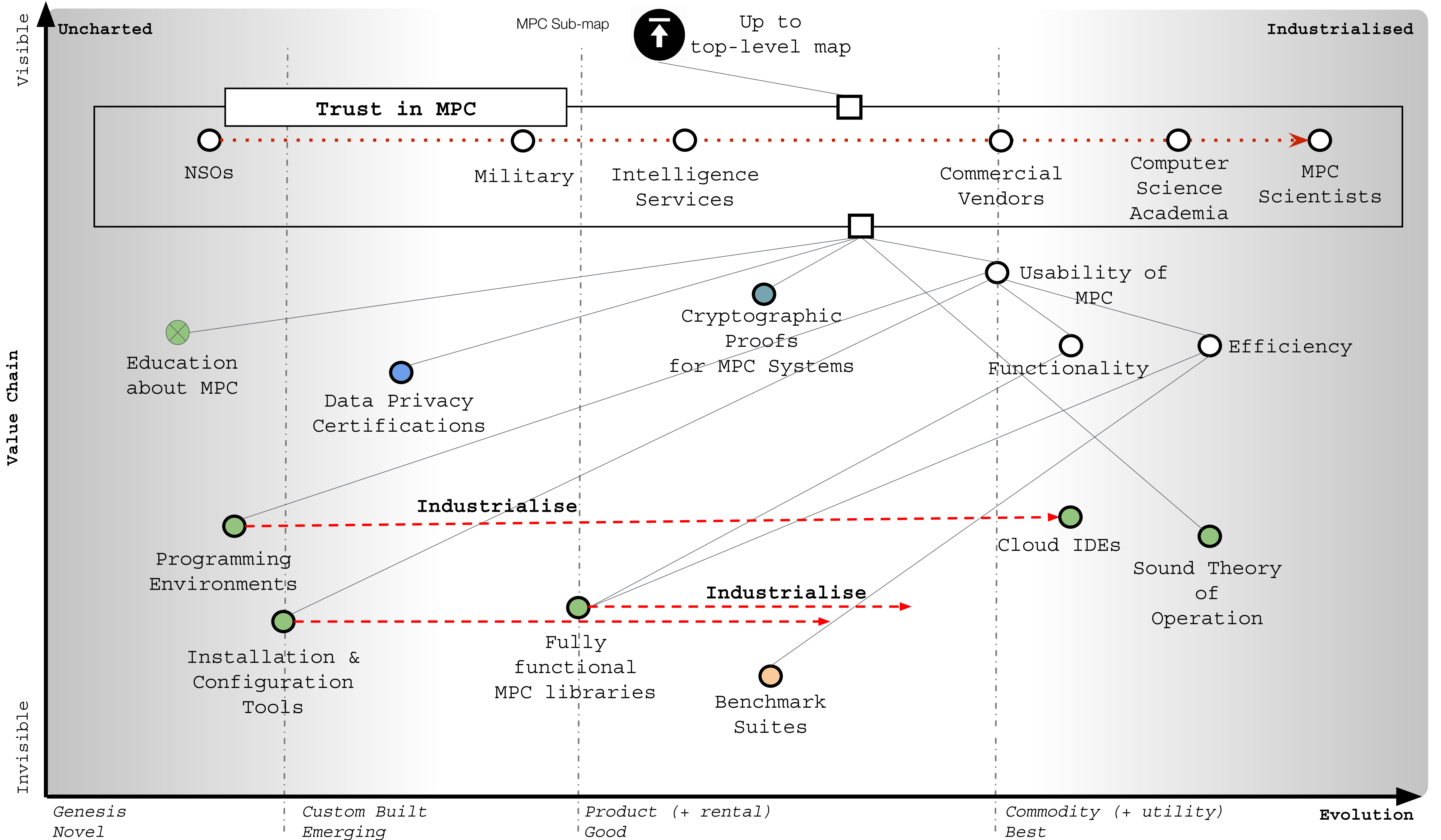


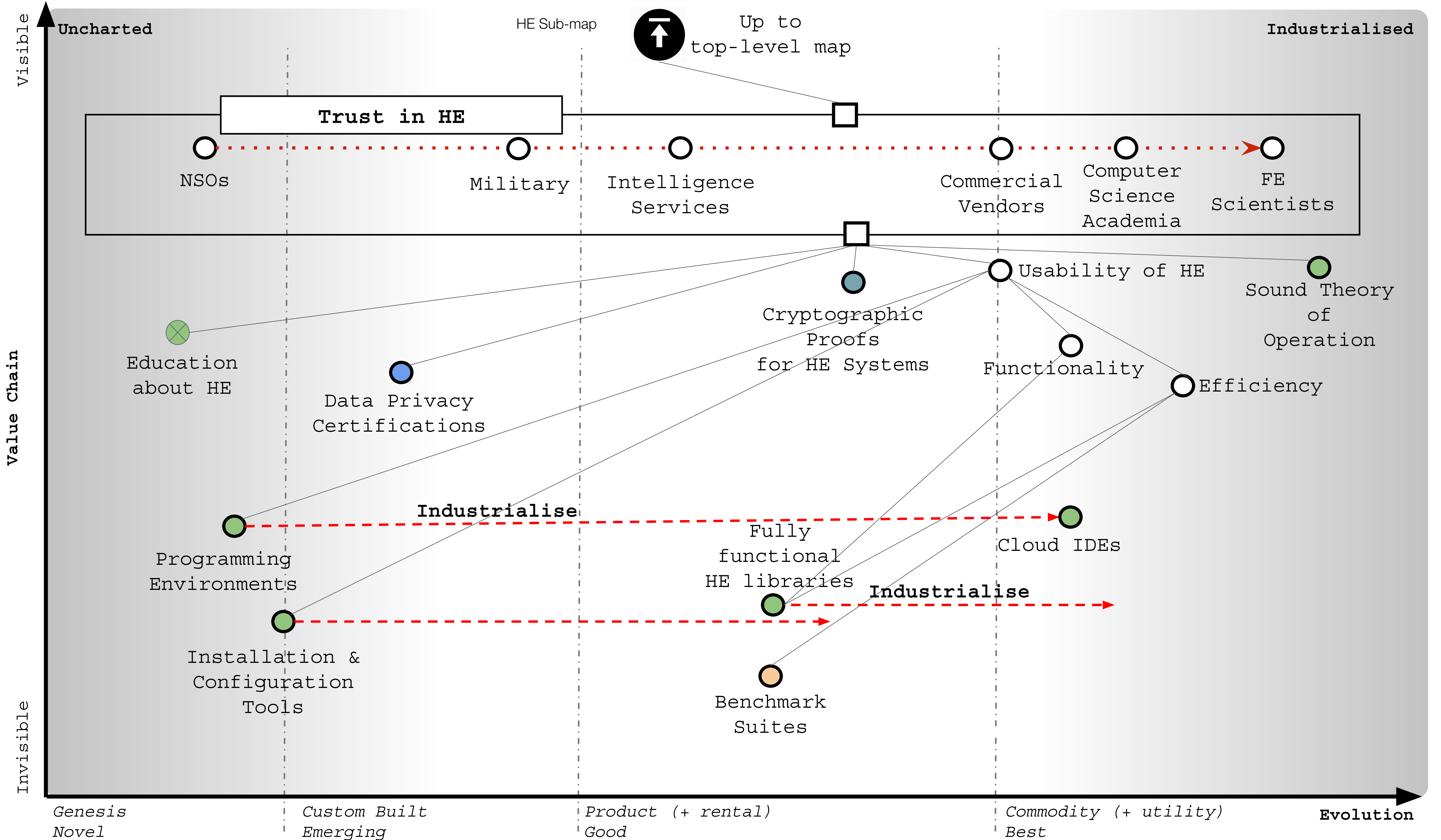


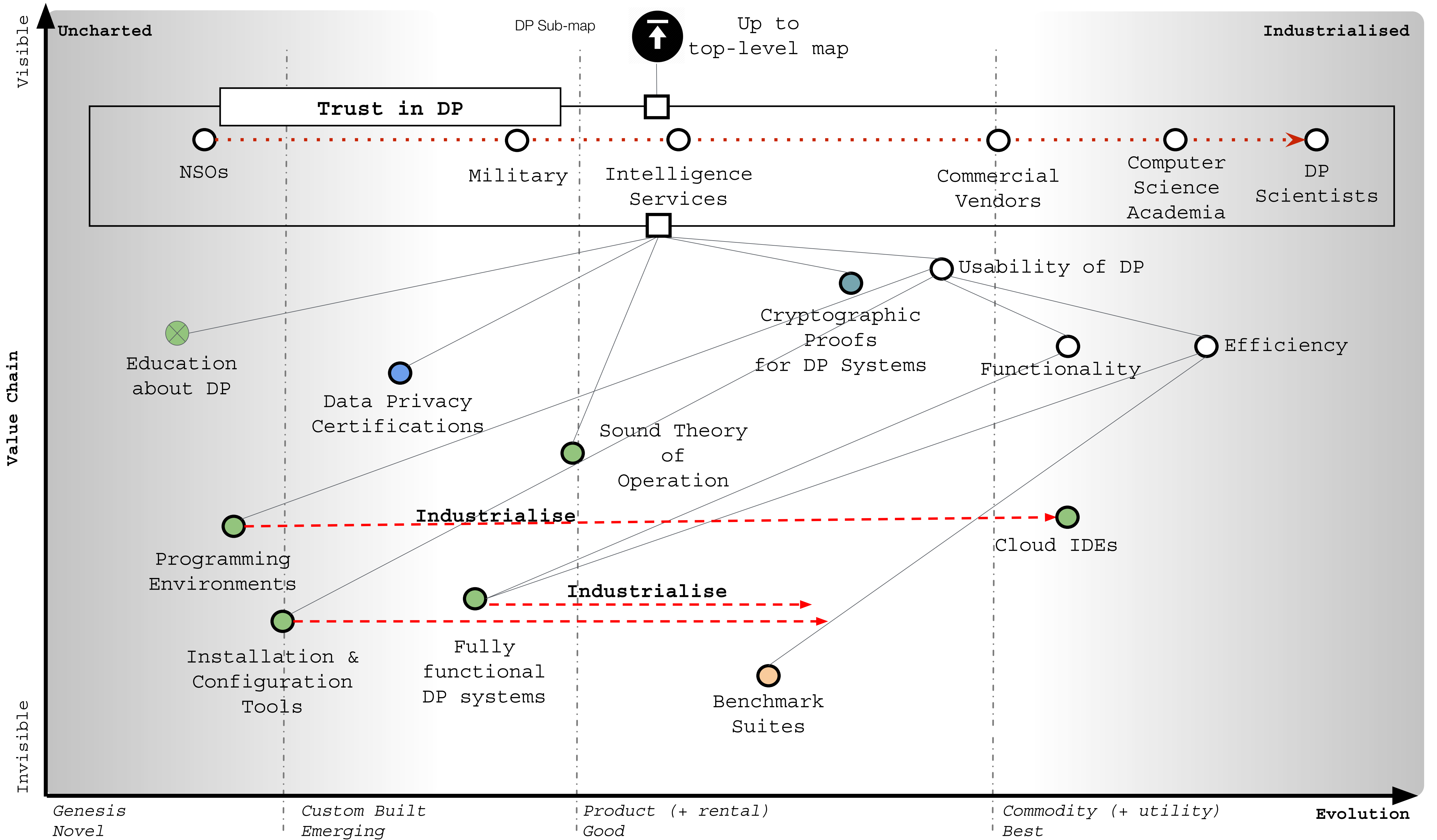
Privacy Preserving Techniques

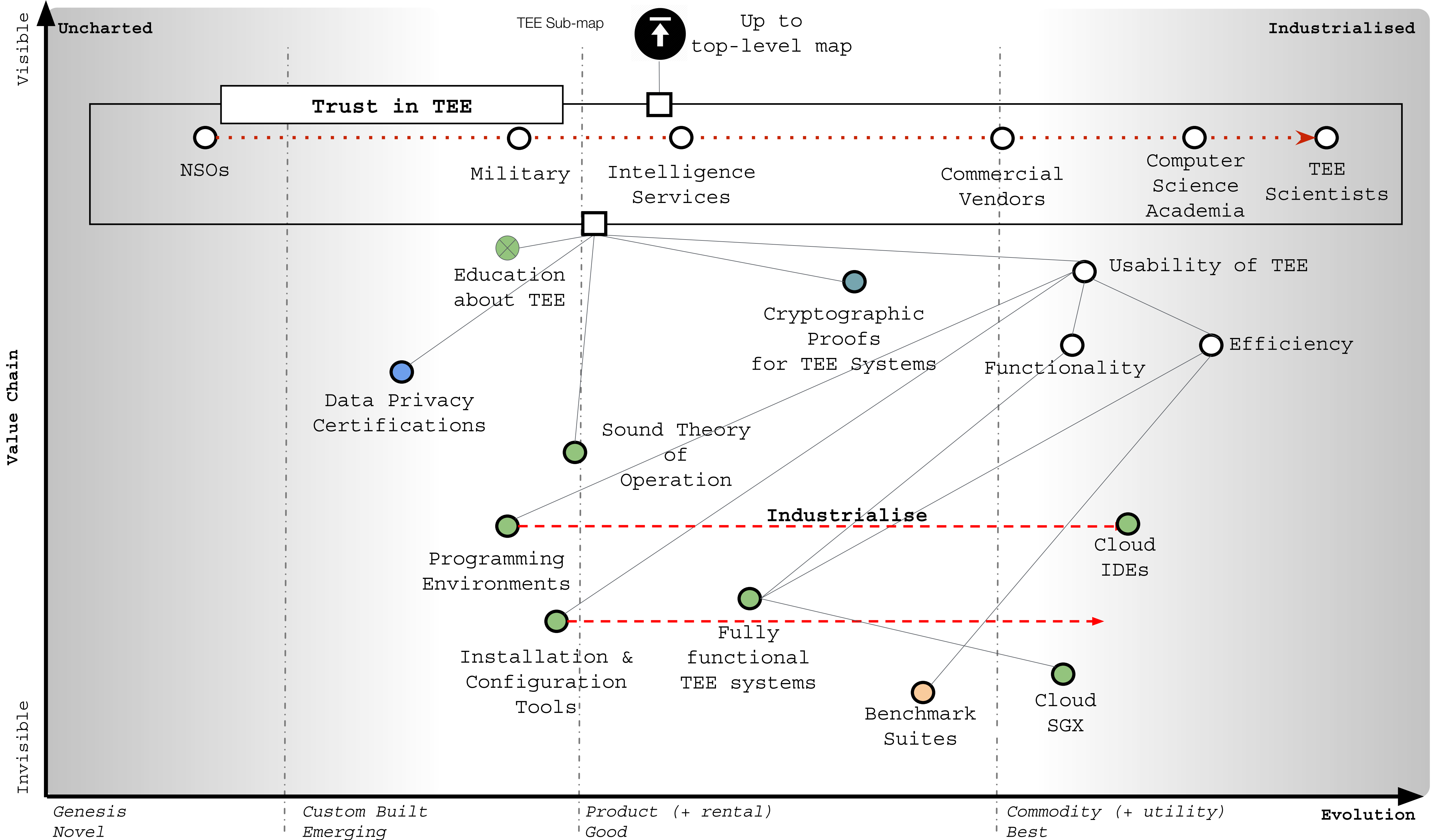
- © [UN Privacy Preserving Techniques Handbook](#)
- © [Wardley Maps](#)
- © Proof of Concepts
 - Health Statistics
 - Trade Statistics

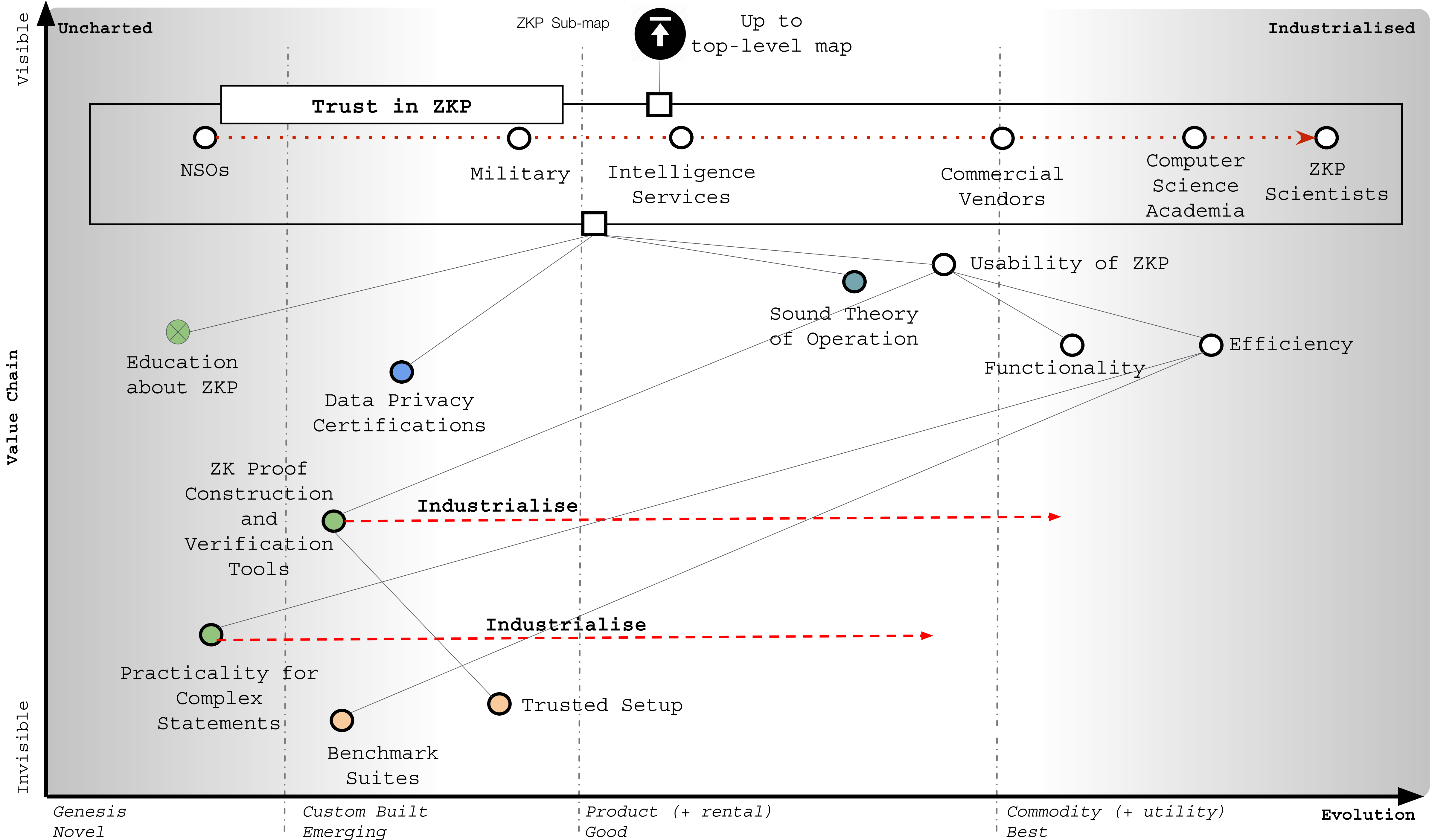












The background features a white canvas with several overlapping circles in teal, lime green, orange, and pink. A thin, light blue dashed line curves across the page, passing through some of the circles. The text is centered in a black, serif font.

Is Data A Commodity?

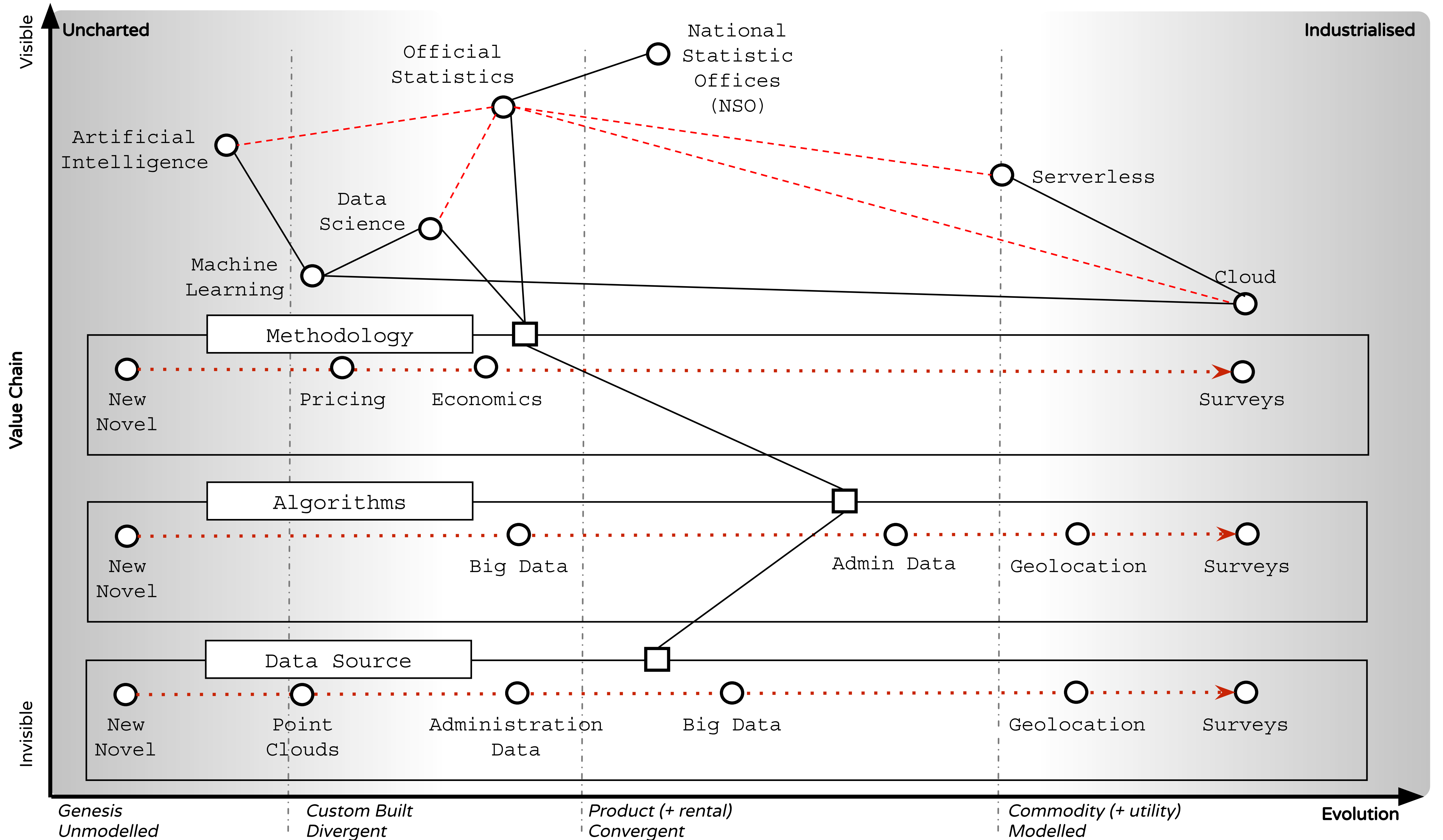
The background features a light gray dashed line that curves from the top left towards the bottom right. Various colored circles are scattered around: a large teal circle with a white center in the top left, a medium blue circle next to it, a large lime green circle in the top right, a medium green circle below it, a small pink circle, a large orange circle, a large yellow circle with a white center in the bottom right, a medium green circle with a white center in the bottom left, a small yellow circle, and a small lime green circle.

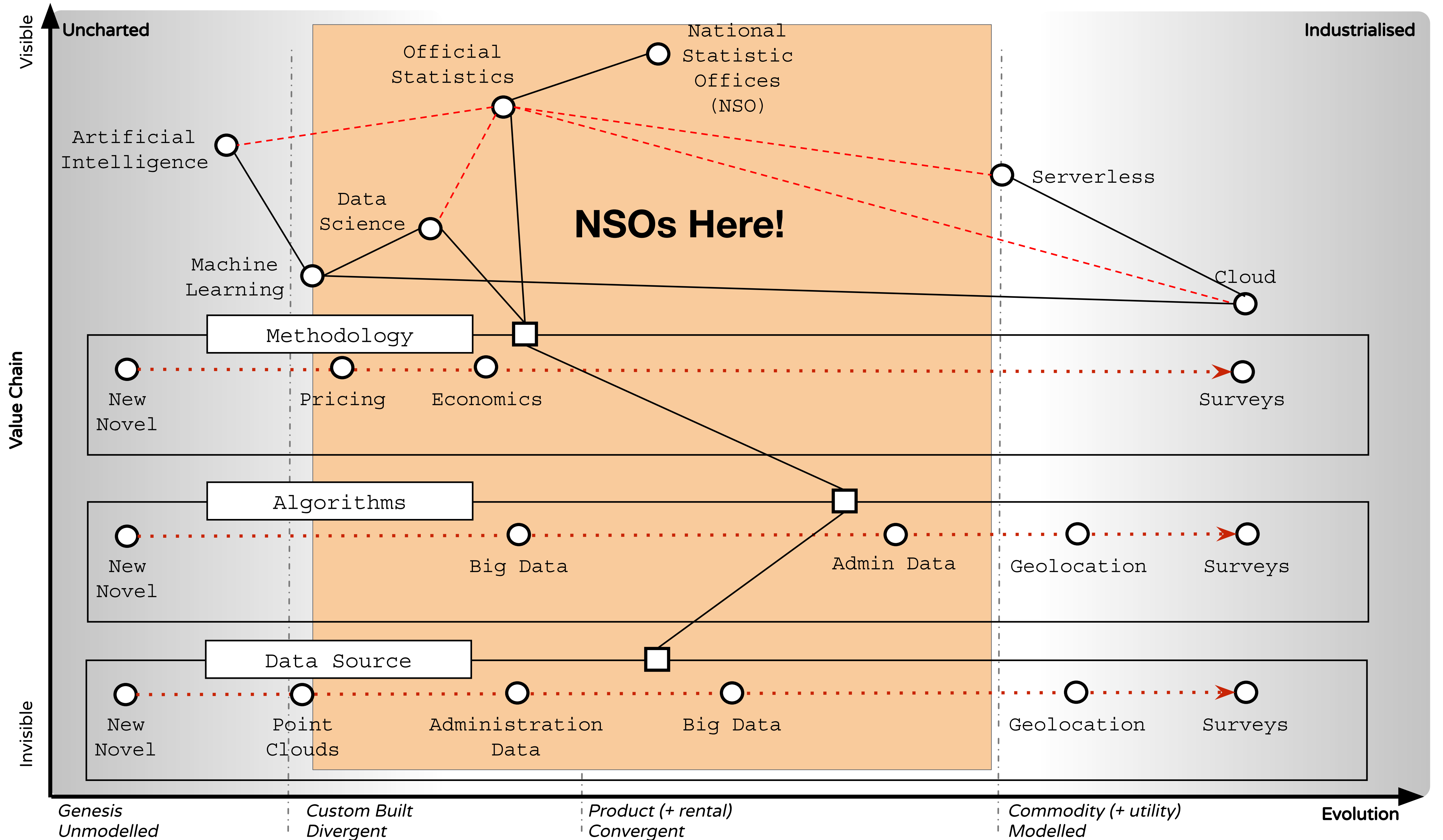
.... It Depends
(well ... it is in Denmark 🙄)

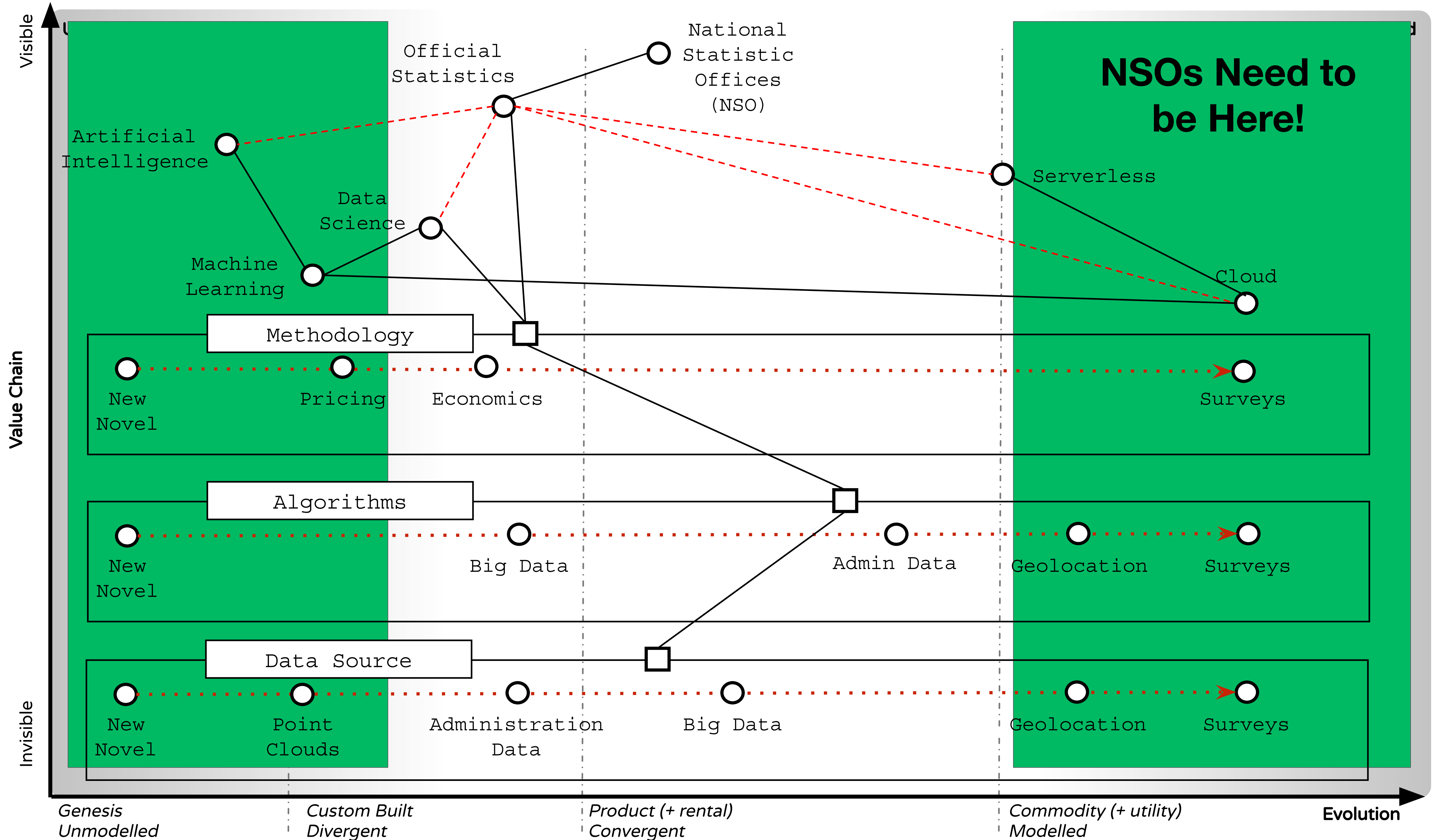
National Statistics Offices (NSO)

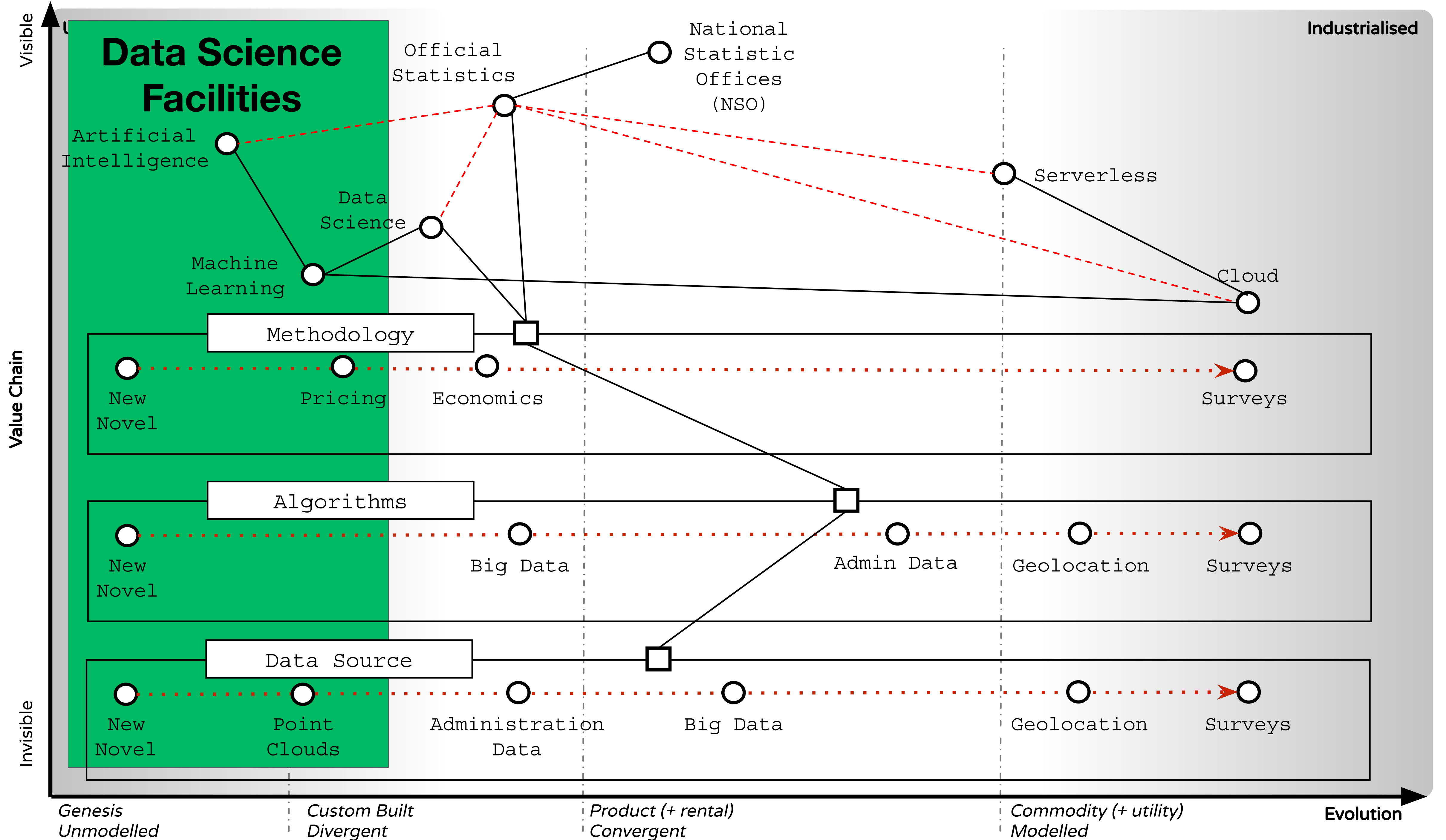
- © 100,000+ Staff Globally
- © Methodology
- © Algorithms
- © Data
 - Admin Data (Government)
 - Micro Data (Data)
 - Ying/Yang Data/Algos





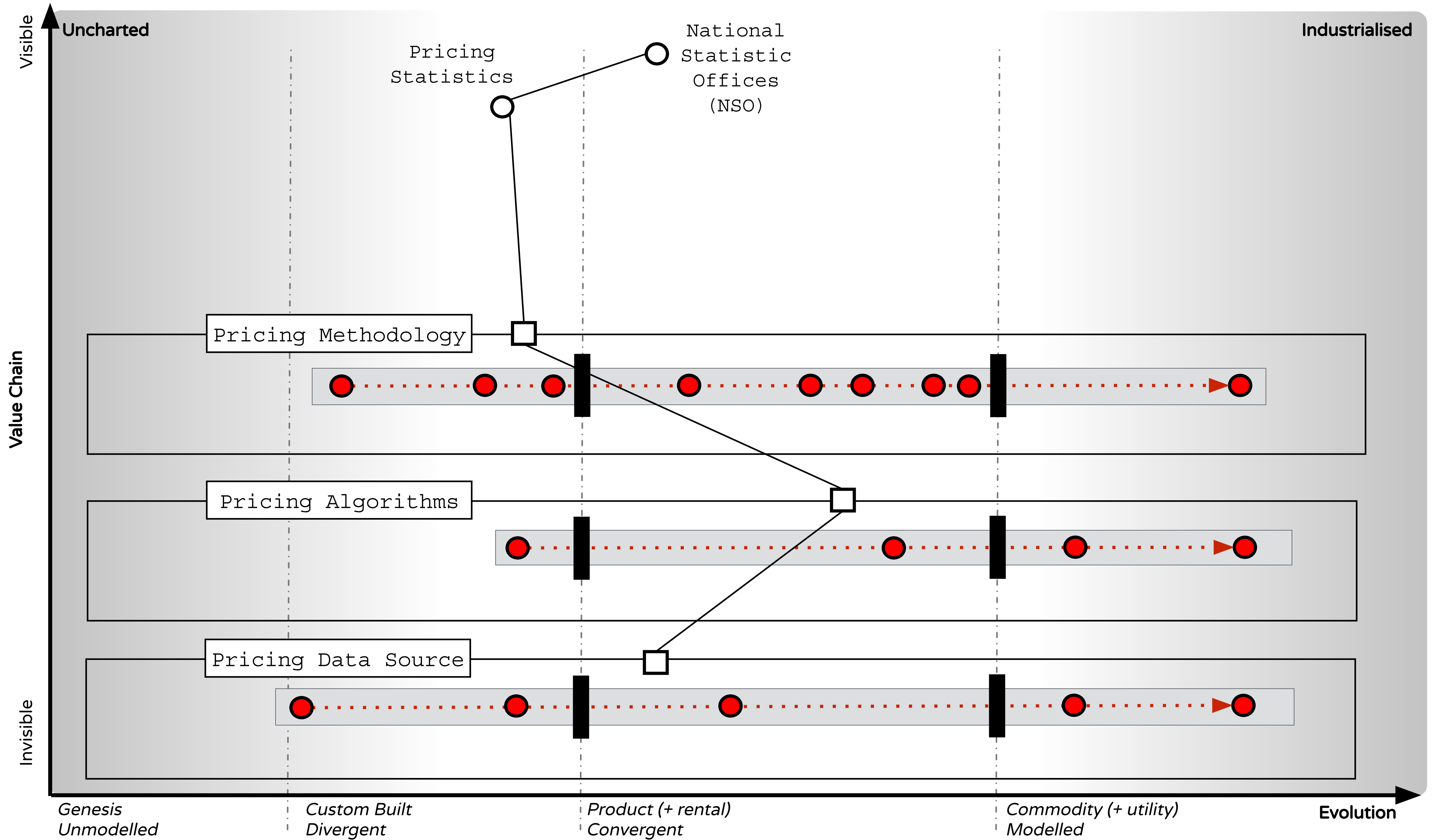


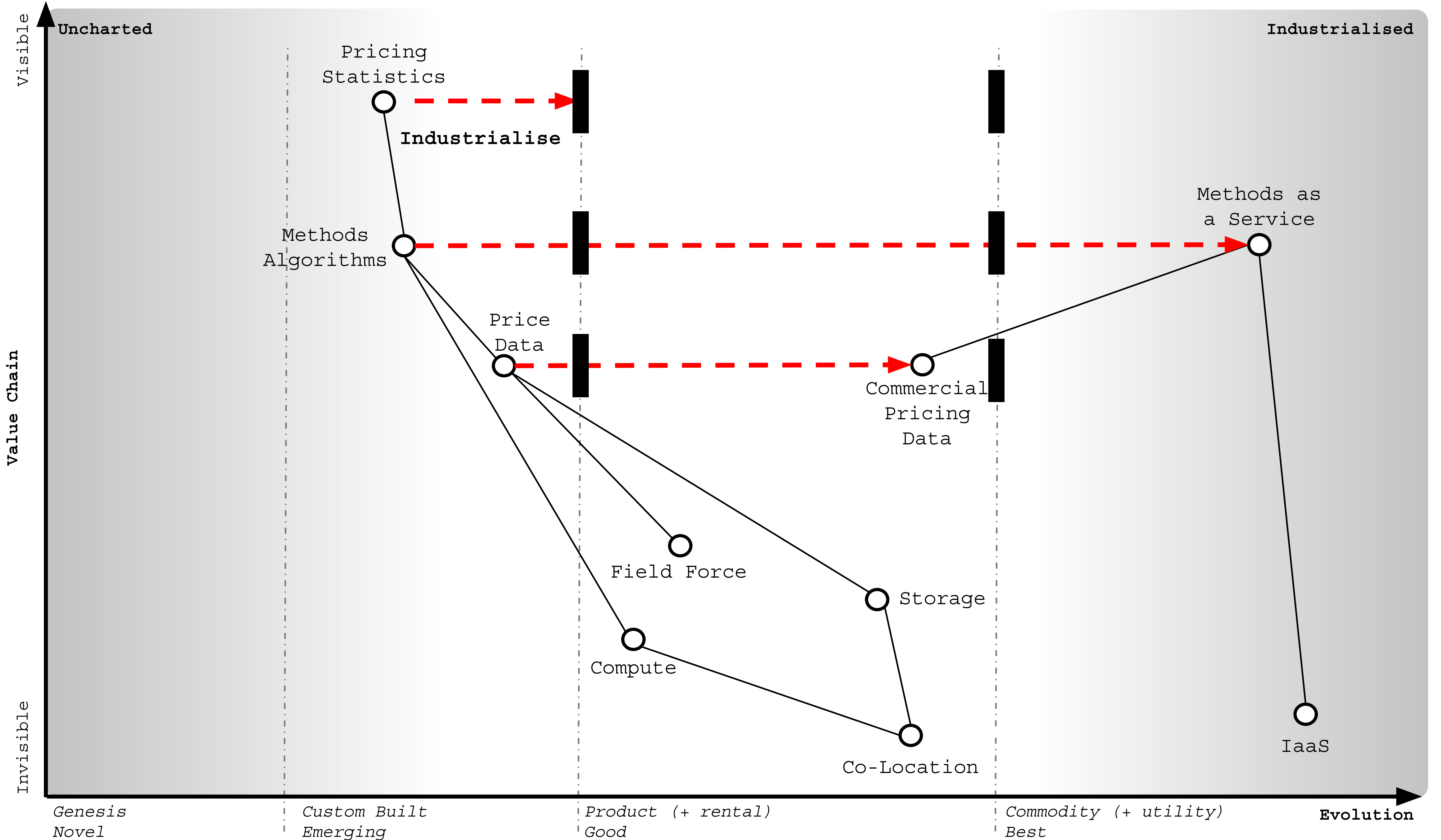




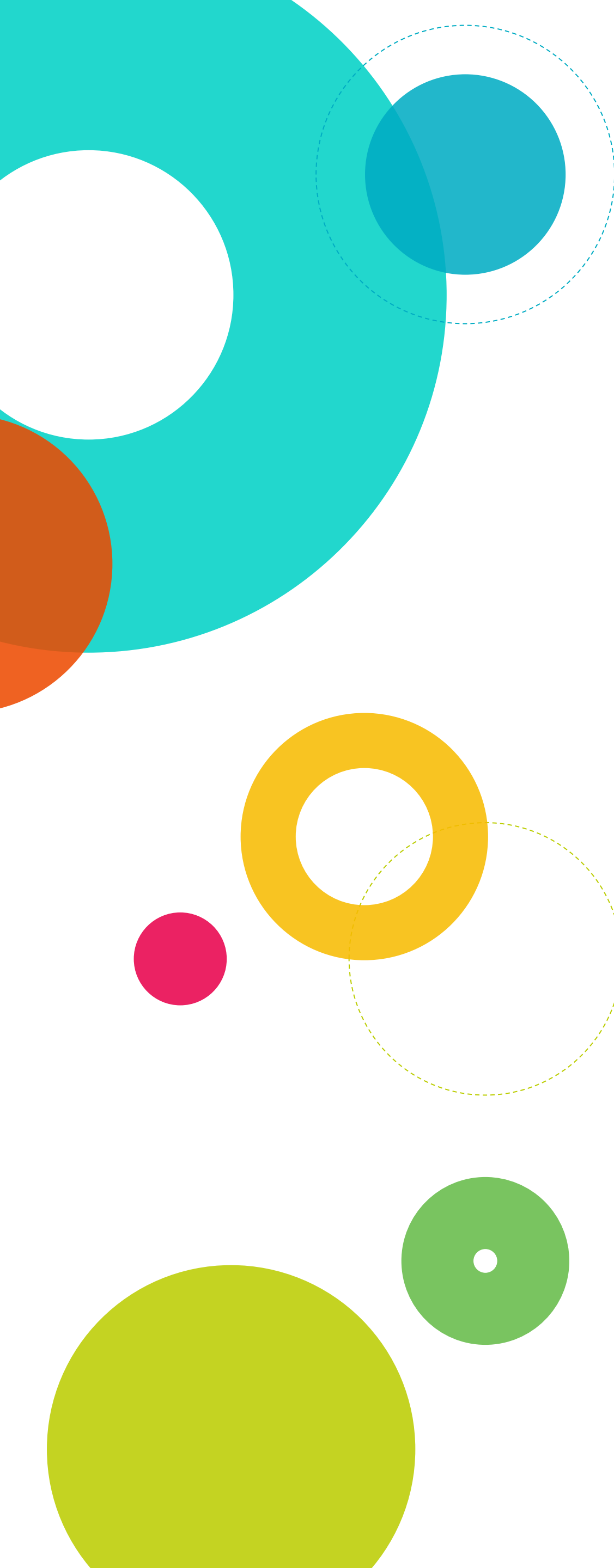
The background features a white canvas with several overlapping circles in teal, lime green, orange, and pink. A thin, light blue dashed line curves across the page, passing through some of the circles. The title 'Pricing Statistics' is centered in a large, black, sans-serif font.

Pricing Statistics





Census



Australian Census 2016

- © Australia
 - \$500M
 - Reported - 40-Hour outage cost \$30m



UK Census 2021

- © £900M (Major Projects Authority)
- © Delivering a successful 2021 Census, **researching** how to make it the **last of its kind**
- © [2011 Census benefits evaluation report](#)
- © [Digital Economy Act](#) enables ONS to request information to create Official Statistics

U.S. Census 2020

The U.S. 2020 Census is an enormous undertaking:

- Life-cycle cost estimate of \$15.6B dollars (including contingencies)
- Operations designed to support an address-based enumeration of the resident population as of April 1, 2020
- Field operations began on August 12th; address canvassing (for those basic collection units not updated in-office)
- Peak field operations: March 2020-August 2020 (self response and non-response follow-up)
- Peak data processing: March 2020-April 2021
- Peak data analysis: September 2020-September 2023

United States
Census
Bureau

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Denmark Census

© Four people
overnight

© Last census
1970!



Niels Ploug - arbejder i Danmarks Statistik mm.
@NPloug

Folketælling - kan nogen huske, hvornår vi sidst havde en? Administrative data er effektive.

[#Statistics](#) [#census](#) [#admindata](#)

Translated from Danish by Google

Census - can anyone remember when we last had one?
Administrative data is effective.

The background features a white canvas with several overlapping circles in teal, lime green, orange, and pink. A thin, light blue dashed line curves across the page, passing through some of the circles. The title 'Economic Statistics' is centered in a large, black, serif font.

Economic Statistics



Economic

- © Independent review of UK economic statistics: [final report](#)
- © “the longer a decision-maker has to wait for the statistics, the less useful are they likely to be”
- © Financial Crash 2008: 12 Weeks = £12Bn Cost to the Economy
- © Faster [Economic Indicators](#)

Characteristics of a Mapper?

- ◎ "innovative thinker"
- ◎ "forward thinking"
- ◎ "understands all the opportunities and challenges"
- ◎ "identify innovate solutions to both technical and non-technical problems"
- ◎ "explain and document complex solutions both with clarity and detail"
- ◎ "never afraid to experiment with different approaches and tactics"
- ◎ "explain complex solutions clearly and concisely"
- ◎ "ensured we delivered new services effectively and on-time in a large and complex environment"
- ◎ "delivering real solutions to solving complex business issues"
- ◎ "probing attitude with great attention to detail"
- ◎ "blue skies thinker with his feet firmly on the ground"



Thanks!



Any questions?

You can find me at @mcraddock

#UNGlobalPlatform