nxGn ESG

make your numbers count.

ESG management software that boosts your number integrity and usability.

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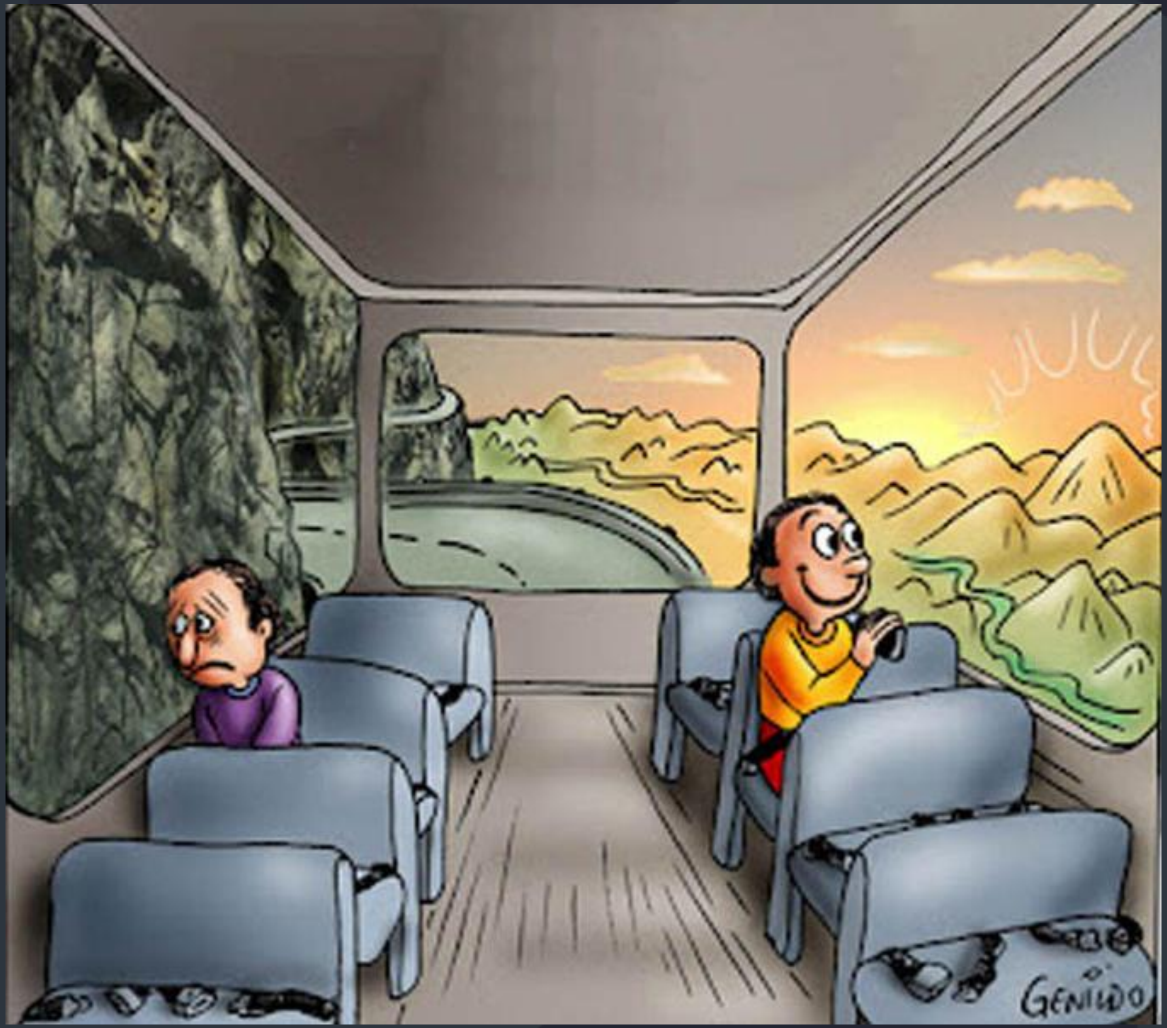
Systemising the process of collecting and preparing ESG declarations

D Kok

Your ESG report is due



01.

Reporting Challenges

Lack of standardized reporting frameworks

There is no universally accepted set of standards or guidelines for ESG reporting.

Data collection and quality

Gathering accurate and reliable ESG data can be a significant challenge.

Measurement and quantification

Some ESG factors, such as social impact or governance practices, can take time to quantify and measure objectively.

Integrations with financial reporting

ESG information may not be compatible with existing financial reporting frameworks and structures.

Resource constraints

Implementing robust ESG reporting processes can be resource-intensive, requiring dedicated personnel, specialized expertise and technology investments.

Regulatory landscape

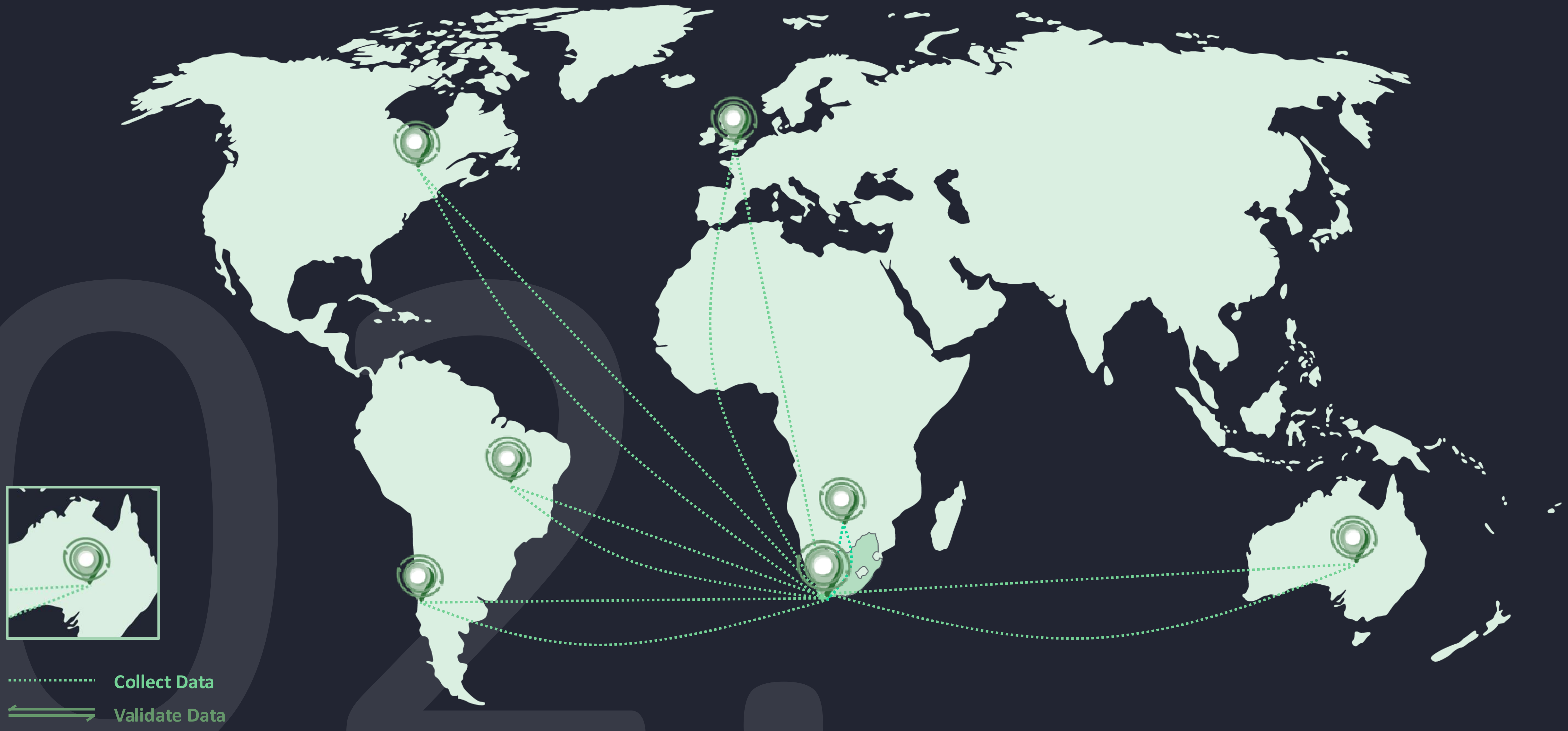
Some ESG factors, such as social impact or governance practices, can take time to quantify and measure objectively.

02.

Systems Landscape

Collect Data

Validate Data


Collect Data
Validate Data

03.

Data Challenges

Multiple Disciplines
ESG reporting requires data from multiple disciplines across the business.

Lack of/Different Systems
The ESG data is often collected in different systems or have no dedicated systems and rely on Excel.

Multiple Stakeholders
There are multiple stakeholders responsible for ESG data.

Complexity
Collecting, collating and validating data is complex and time consuming.

Disorganised
There is usually a mad scramble throughout the organisation when the ESG reporting is due.

Data Quality
Due to the time pressure in getting the data ready, insufficient time is spent on data quality verification.

Multiple Standards
There are multiple standards to comply with, and these are rapidly evolving.

03.

04.

The Opportunity

Advancement in technology especially AI, offer new possibilities.

We can transfer ESG reporting from a burden into a strategic advantage.

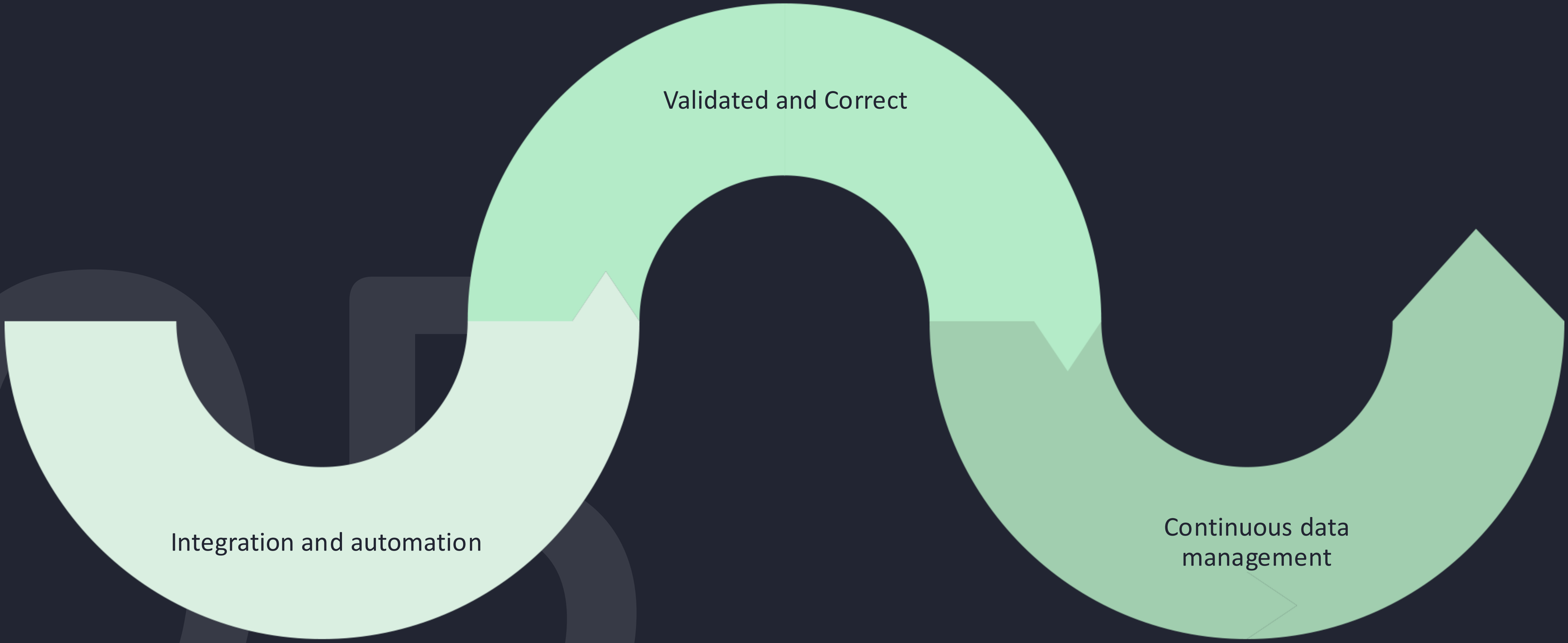
The 'art of the possible' is now within reach.

05.

Key elements of a

Systematic Approach

05.


Validated and Correct
Integration and automation
Continuous data management

06.

AI and Data Quality

AI enhances data reliability by automating validation.

Machine learning identifies anomalies and predict trends.

Natural Language Processing (NLP) aids in analysing unstructured data.

07.

AI in Reporting

AI can generate initial drafts of ESG reports.

Ensures consistency between quantative data and qualitative narratives.

Frees up human experts to focus on strategy insights.

08.

IoT for real-time

Data Collection

IoT devices enables continuous monitoring of ESG metrics.

Real-time data allows for proactive decision-making.

Reduces reliance on manual data entry and errors.

09.

The Future is Now

These technologies are already being implemented.

Early adopters are gaining significant strategic advantages.

The convergence of AI and IoT is reshaping ESG reporting.

10. What can be achieved

Enhanced data accuracy and reliability

Streamlined reporting processes and reduced costs

Greater stakeholder trust and improved education

Improved sustainable business practices

11.

Call to Action

Start integrating these technologies into ESG processes today.

Invest in capacity building and change management.

Collaborate with experts to navigate the transition efficiently.

12.

Conclusion

ESG reporting is at transformative crossroads.

By embracing technology, we can overcome current challenges.

Together, we create a more sustainable and transformable future.

NxGN ESG

Email

dkok@nxgn.co.za

LinkedIn

www.linkedin.com/in/dirkkok01

Website

https://www.nxgnesg.com