

# SUSTAINABILITY AND RESILIENCE SMARTSCAN



*Global Infrastructure Basel Foundation (GIB) is offering its Sustainability and Resilience SmartScan to help infrastructure projects identify key Environmental, Social and Governance (ESG) risks and opportunities. This document summarises the Smartscan and how it may assist your infrastructure project.*

## UNDERSTAND AND IMPROVE THE SUSTAINABILITY AND RESILIENCE OF YOUR INFRASTRUCTURE PROJECT

### What is the Sustainability and Resilience Smartscan?

The SmartScan is an infrastructure self-assessment tool that provides a rapid assessment of an infrastructure project against sustainability and resilience criteria covering Environmental, Social and Governance (ESG) issues. The SmartScan has been developed using the GIB Grading (a previous GIB infrastructure grading tool) and the SuRe® Standard for Sustainable and Resilient Infrastructure (see p. 2 for more details). The criteria have been carefully condensed from years of

experience in assessing over 200 infrastructure projects using the GIB Grading, as well as inputs from stakeholders covering six continents and a range of sectors. The SmartScan assessment is designed to give a fast but effective assessment of a project, quickly shedding light upon its respective opportunities and risks.

### What is involved in the SmartScan?

The project owner completes a self-assessment, based on the current project design, be it anywhere from the initial stages to commissioning and

operation. Depending on how prepared the project owner is, this could take as little time as half a day to complete. One of GIB's sustainability professionals then assesses the results and provides feedback on the project's performance in order to explore potential improvements. Using insights from both the carefully selected SmartScan criteria and GIB's sustainability professional, the project owner walks away with an improved understanding of how the project performs in terms of sustainability and resilience, as well as with practical recommendations for improvement.

**Global Infrastructure Basel Foundation (GIB)** is a Swiss foundation working to promote sustainable and resilient infrastructure globally. GIB engages with a wide range of stakeholders to build links between infrastructure projects and sources of finance, focusing on developments in the Global South. GIB manages a third party verified standard, SuRe® – The Standard for Sustainable and Resilient Infrastructure. GIB offers a range of implementation services and capacity building services to support its goal of improved global well-being through quality infrastructure.

For more information visit: [www.gib-foundation.org](http://www.gib-foundation.org)



## HOW CAN THE SMARTSCAN HELP CITIES?

- Verifies that **ESG criteria are covered**
- Improves **risk management**
- **Increases quality** of infrastructure
- Identifies potential **‘project show-stoppers’** and causes of delay
- **Greater resilience** over time
- Facilitates setting **appropriate procurement criteria**
- Enables infrastructure **project comparisons** and **improves project selection**
- Supports the **more efficient use of limited public resources** in infrastructure
- **Facilitates the communication of project ESG benefits** to third parties
- Paves the way for **SuRe® certification** and access to **private finance** (e.g. via PPP)



### What are the Benefits of the Sustainability and Resilience SmartScan?

The importance of sustainable and resilient infrastructure is becoming increasingly clear to stakeholders around the world. Momentum is building in relation to international objectives such as the Sustainable Development Goals and the importance to instil best practice into our infrastructure designs has never been greater.

The Sustainability and Resilience SmartScan offers cities and project owners a practical way to rapidly tap into international best practice and to efficiently flag risks and opportunities for improvement in their projects. This prepares projects for the scrutiny of potential financiers, who increasingly focus on ESG criteria when assessing projects. The

SmartScan is also designed to pave the way for a successful certification under the SuRe® Standard for Sustainable and Resilient Infrastructure, which through its high level of rigour, international legitimacy and involvement with private investors, also helps to attract finance.

### What criteria are assessed by the SmartScan?

The SmartScan explores a comprehensive breadth of ESG issues summarised in the figure below. By assessing each of these issues, the SmartScan provides an indication of a project’s sustainability and resilience performance. The criteria, being linked with the SuRe® Standard, rely on a definition of sustainability and resilience which considers inputs from relevant internationally recognised standards, treaties and protocols such as the IFC Performance Standard on



**SuRe® - The Standard for Sustainable and Resilient Infrastructure** is a third-party-verified, voluntary standard, which has been developed through a multi-stakeholder approach incorporating inputs from developed and emerging nations. The standard assesses infrastructure throughout the project life cycle at the design, built and operational phases. SuRe® covers a breadth of sustainability issues under the themes of society, the environment and governance, and is applicable to all infrastructure sectors. SuRe® aims to (1) improve the quality of projects so they are built on sustainable and resilient principles, and (2) to help investors identify responsible investment opportunities. SuRe® has been developed by GIB and Natixis with the support of many international stakeholders.

To learn more about SuRe®, visit: [www.gib-foundation.org/sure-standard](http://www.gib-foundation.org/sure-standard)

Environmental and Social Sustainability, the Sustainable Development Goals, the Sendai Framework for Disaster Risk Reduction, the ILO Labour Standards, Transparency International Business Principles for Countering Bribery, the UNFCCC Framework Convention on Climate Change, and the Financial Action Task Force policy.

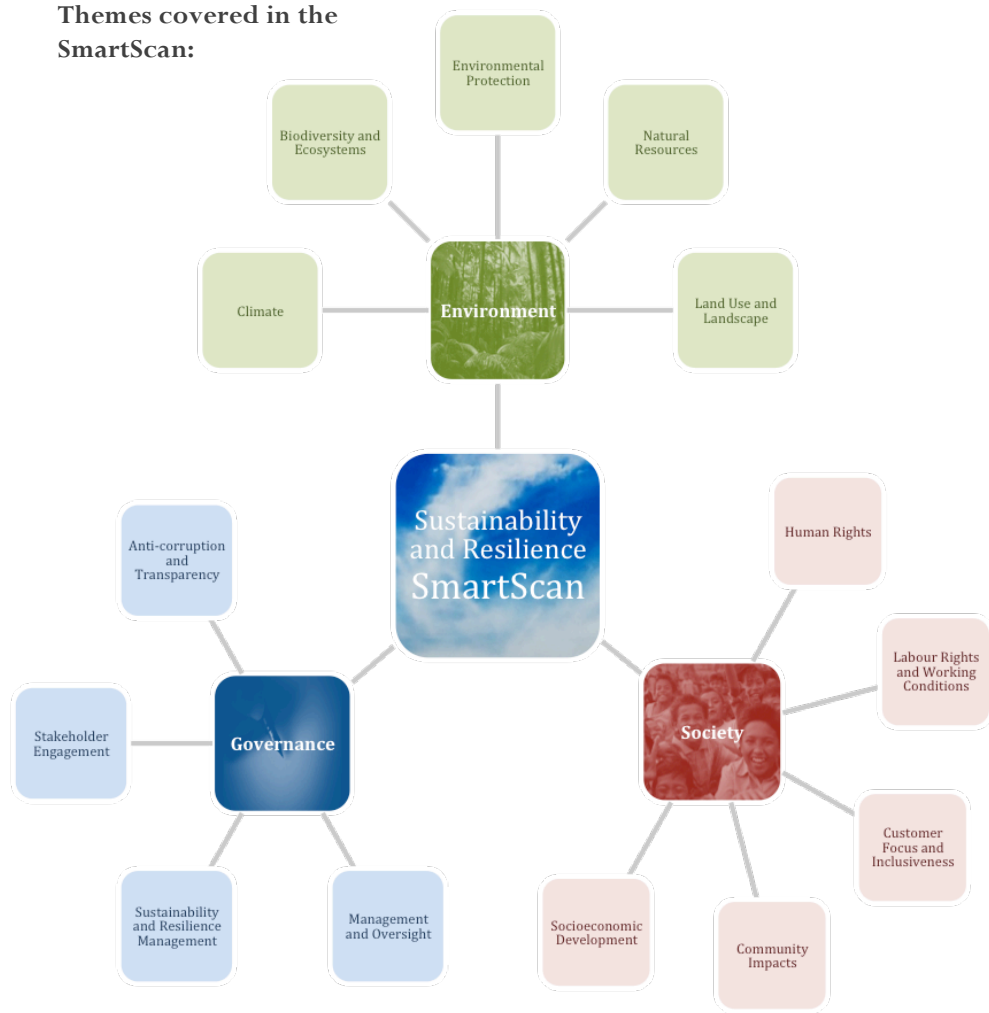
**What level of assurance does the SmartScan provide?**

The SmartScan is a self-assessment that relies on indications of performance rather than cited evidence. It is designed to highlight key risks and provide project owners with a basis from which to improve their projects. Projects also have the option to engage a GIB sustainability professional to assist with and review the SmartScan assessment. This facilitates a higher degree of certainty being achieved from the SmartScan, and would result in a formal report which can be used to present findings to third parties. GIB offers several other additional services to accompany the SmartScan, including providing review, recommendations or capacity building services.

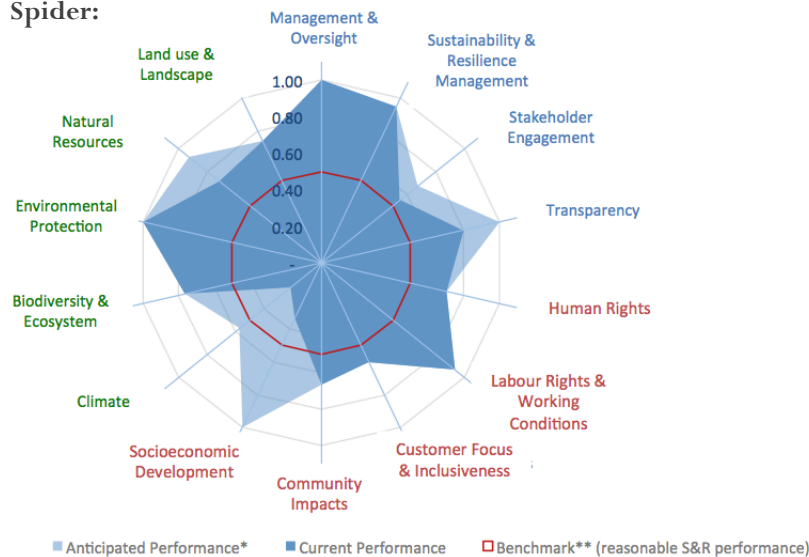
**How Can I access the SmartScan?**

Please contact one of our team members on the following page, who will be happy to provide you with more information on how to access and use the SmartScan.

**Themes covered in the SmartScan:**



**Example Assessment Spider:**



**Scoring Orientation:**

0-0.5	Underperforming	Sustainability and resilience (S&R) performance is considered lower than reasonably expected for a project
0.5-0.7	Reasonable	S&R performance is considered as high as reasonably expected for a project
0.7-1	Commended	S&R performance is considered above what is reasonably expected for a project
>1	Leading	S&R performance is considered to be leading in this area



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*We look forward to working with you!*

**Global Infrastructure Basel Foundation**

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