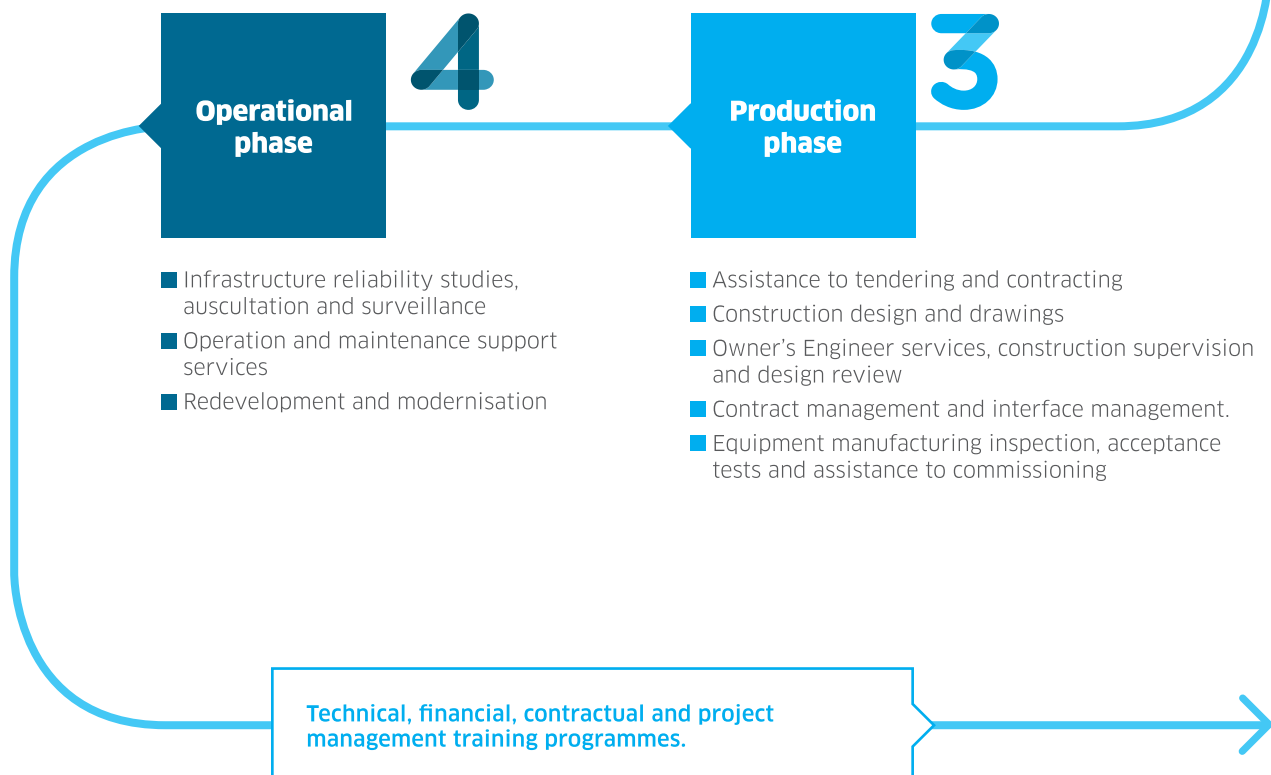


Project life cycle

Recognised as one of the world's major engineering consultancy companies, Tractebel will support you from the design to the implementation of your hydroelectric project.

As soon as Sherlock has identified a feasible and profitable opportunity, our teams will provide you with all the support you need in each phase of your project development.



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Sherlock

Innovation serving
your hydroelectric developments

tractebel-engie.fr

Sherlock

In the face of rising energy needs and the challenge of climate change, hydroelectricity has a key role to play. To help leverage the hydroelectric potential of countries, Tractebel has developed a unique cutting-edge solution for you: **Sherlock**.

The solution provides **quickly and cost-effectively** a **hydroelectric resource map** and a **selection of sites** that meet your requirements.



Use Sherlock to identify your future hydroelectric projects

Sherlock is a spatial analysis solution that leverages and cross-references data to exhaustively identify potential hydroelectric sites at the scale of a region or a country.

It enables to **quickly identify untapped hydroelectric resources** and **measure their profitability** in just a few hours. It is a fast, reliable and cost-effective solution.

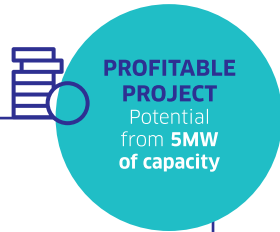
Sherlock replaces long and costly inventory processes by relying on an intelligent data gathering, analysis and processing system.

Your needs

- Quickly identify a site to build a hydroelectric scheme
- Obtain a complete map of a whole region's or country's potential
- Quickly get an overview of each identified site's capacity and profitability

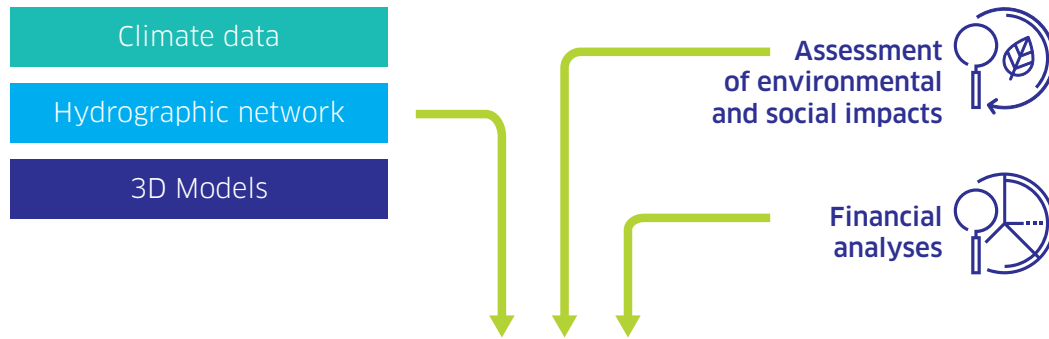
Our solutions

- Generate results in just a few hours over a surface area of 250,000 m² (equivalent to the size of Guinea)
- Provide a detailed map of a country's hydroelectric potential, as well as the production characteristics for each of the sites identified
- Measure the attractiveness of each identified site, gauging its main characteristics: dimensions, costs, producible power, etc.



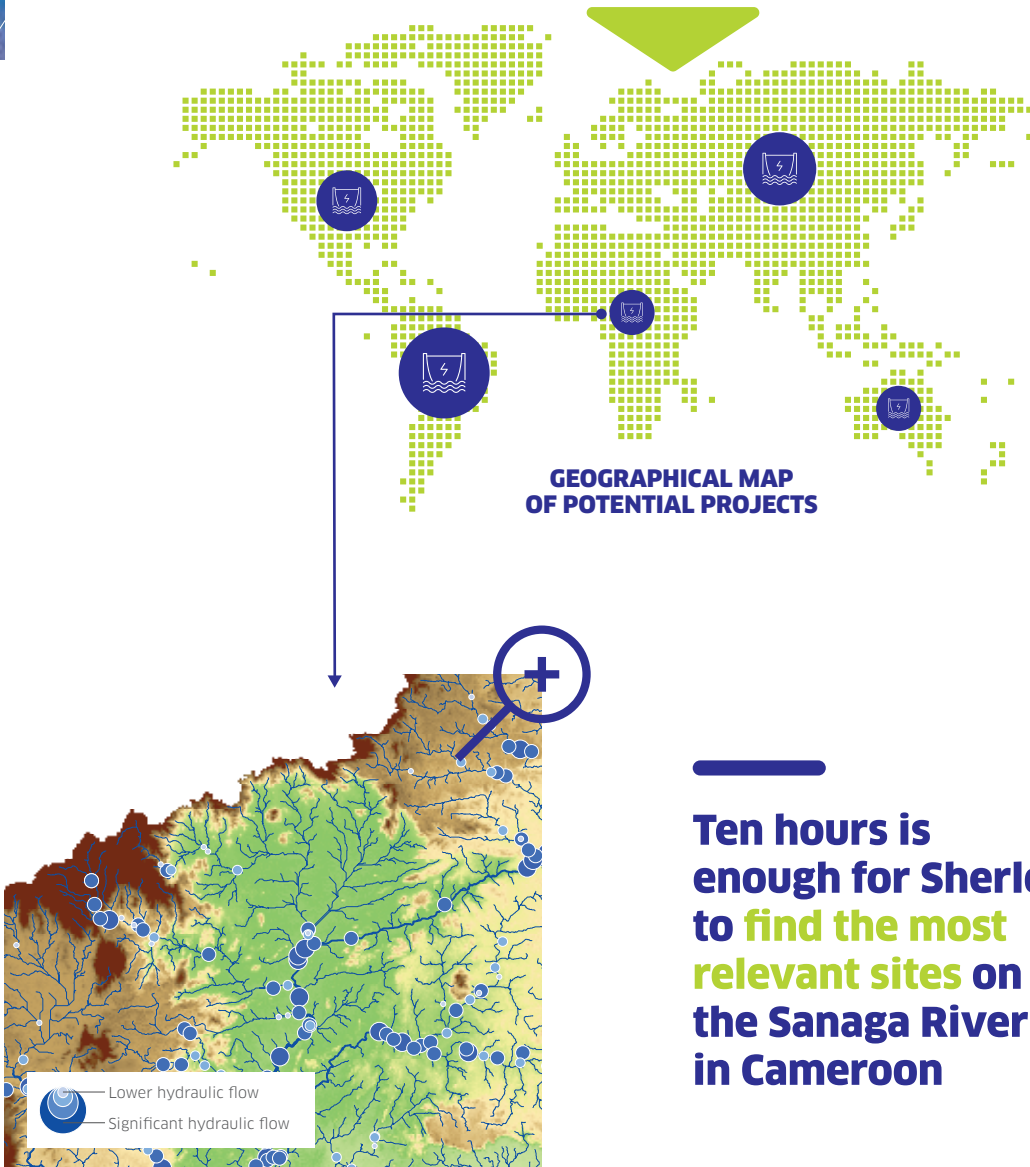
In concrete terms, what are your benefits?

You obtain an overview with a visual map of potential sites, together with their capacities and levels of profitability.

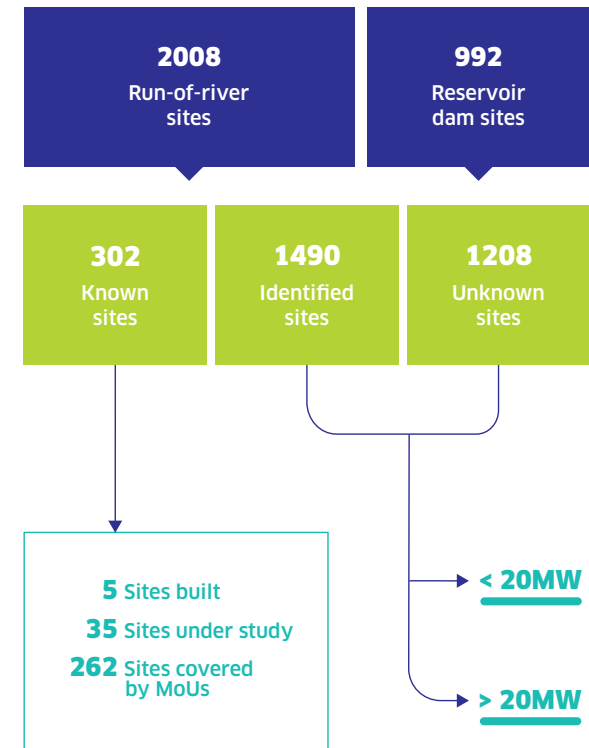


Sherlock

Multi-criteria decision-support tool



Ten hours is enough for Sherlock to find the most relevant sites on the Sanaga River in Cameroon



**Above values are given as an indication only*

Out of more than 3000 sites identified by Sherlock, **57 have been classified as profitable**

We use an analysis process and cross-reference data to refine an exhaustive search and **calculate the most profitable sites.**

Modern technology combined with the expertise of our engineers

Sherlock harnesses all the power of Geographic Information Systems (GIS), modern computer tools and complex data analysis. It combines them with the technical expertise of our engineers, providing you with the best results: an exhaustive inventory of hydroelectric sites adapted to your requirements.

Designed by our teams, Sherlock is a modular tool. It will continue to grow and will meet all your needs.

