

SOLUTIONS THROUGH DATA

Intro to Strategic

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STRATEGIC
SYSTEMS ENGINEERING INC.

ATTAIN WATER RESILIENCE

You'll be protected in:

- ▲ Flood Mitigation
- ▲ Drought Mitigation
- ▲ Water Quality & Quantity

It's important to look beyond municipal boundaries when creating flood maps. To ensure your water resilience, we study how water flows between upstream and downstream areas. This ensures solutions promote long-term **sustainability**. Water affects crops, infrastructure, consumption, ecosystems, recreational activities, and so much more. Due to this, it's important to have the best data when making hydraulic and hydrologic predictions.

PROTECT YOUR COMMUNITY

Here is our process:



Digitally map
your area



Understand
climate risks



Estimate
costs of risks
and benefits of
protection



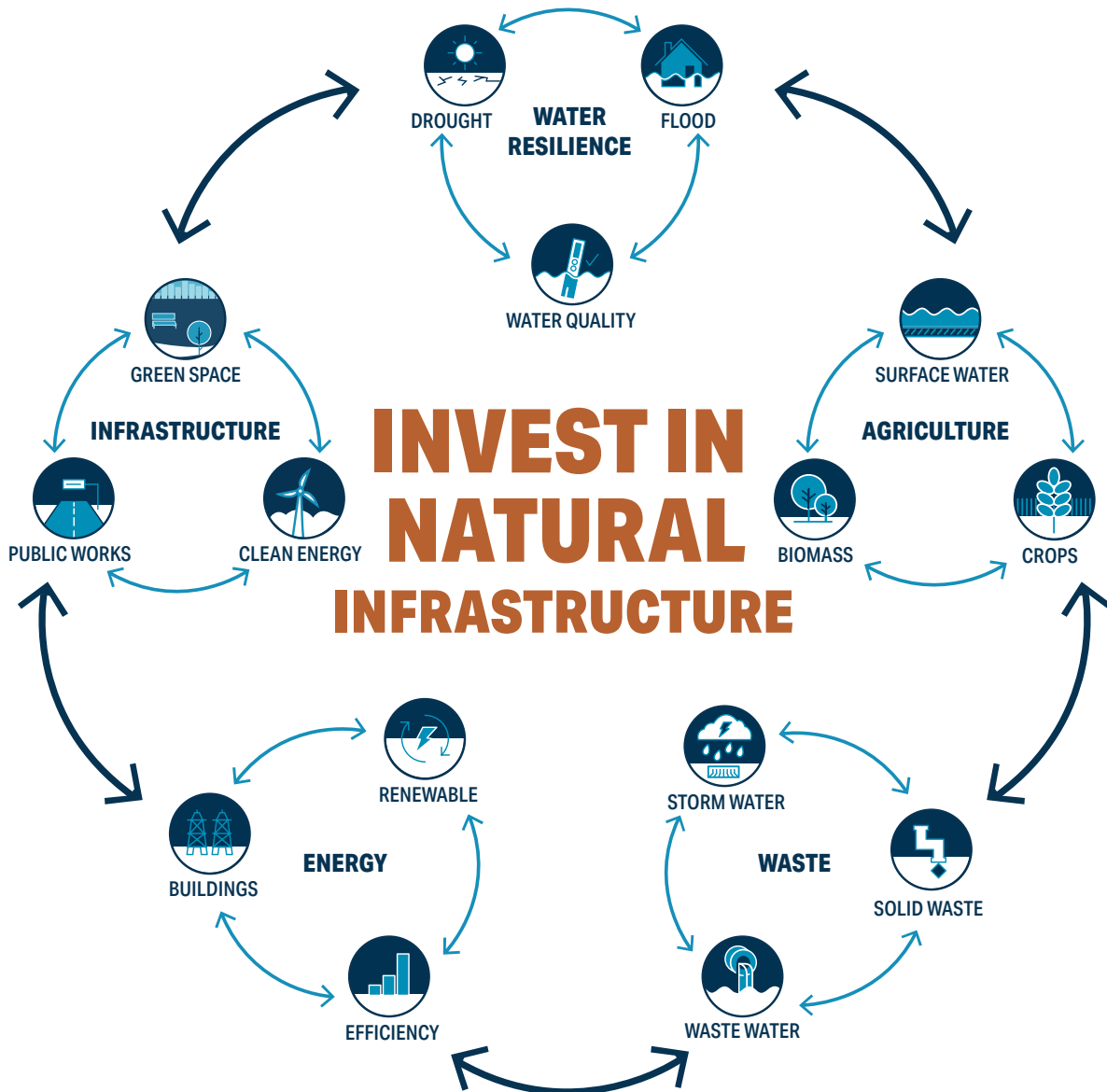
Invest in
solutions

SUCCEED THROUGH TEAMWORK

You might not know the root of your community's environmental obstacle. Crops might have lower yields, or a road might have partial flooding.

Let's work to find out what the issues are. Is there a flood? What's causing it? How can we use **natural infrastructure** to alleviate the event?

You'll learn how the area is impacted and why. Heavy data can feel daunting, but don't worry, you'll receive all the information and results in an understandable manner. Our reports and presentations use easy-to-understand visuals to aid in understanding our conclusions.



CIRCULAR ECONOMY THROUGH NATURAL INFRASTRUCTURE

Your community deserves solutions to climate change that have a high ROI. You'll receive adaptation strategies that are clean and cost-effective, protecting both the **economy** and the **environment**. Natural infrastructure creates the opportunity for a circular economy, which reduces waste and saves money. For example, using vegetation to keep soil nutrients from overwhelming a body of water not only keeps the water clean, but also reduces the need to buy fertilizer and creates an opportunity for biomass.

ABOUT US

You'll work with a team of environmental professionals striving to lead the world in cutting-edge technology and expertise. We work locally and internationally to help communities of any size sustain their areas through a variety of clean, cost-effective solutions.

We typically work with various levels of government, interprovincial organizations, and other engineering firms.

REACH OUT



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