Roadside Spring Protection

Problem

- Spring water is the main water source for mountain communities, but 30% of springs have dried up in the last 15 years
- Road construction contributes to spring drying, and unmanaged springs can also damage roads

Solution

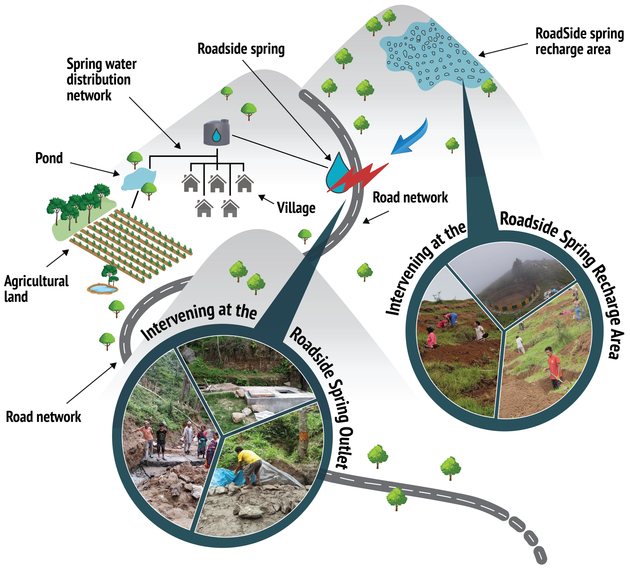
Integrating **spring protection** into the **design, construction, and maintenance** of roads through a **multidisciplinary** and **participatory** approach ensures well-rounded, practical, and lasting solutions

Impact

- Increased water for domestic and agricultural use
- Reduced road maintenance costs due to less water damage
- Improved local skills in roadside spring protection
- Less time spent by women collecting water

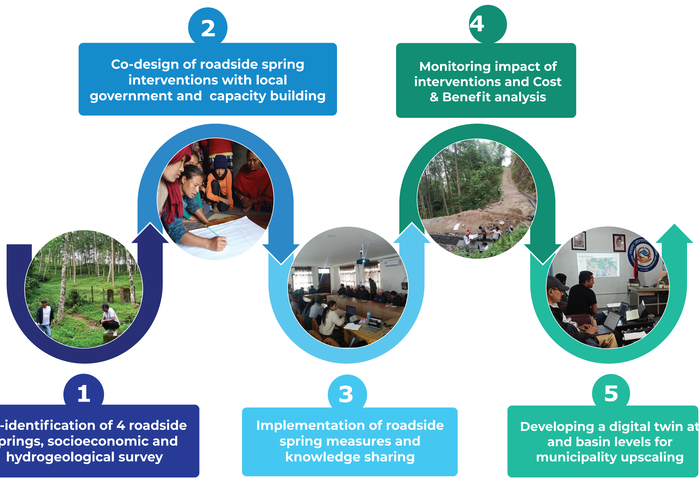
The **Roadside Spring Protection** approach emphasizes two levels of intervention:

- **Roadside Spring Outlets** – where natural springs meet road infrastructure
- **Roadside Spring Recharge Area** – the land area where water naturally replenishes the spring



The **Roadside Spring Protection** approach follows **key steps**, designed with a **multidisciplinary approach** to ensure finetuned and sustainable solutions.

At its core is a **participatory process**, actively involving communities and local governments at every stage. This approach integrates local knowledge, fosters ownership and support, and guarantees long-term sustainability.



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