

CASE STUDY

**Hydroelectric
Powerplant**
France



COST
26€ per m²

INSTALLATION TIME
16 hours

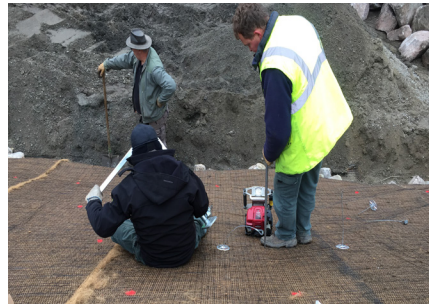
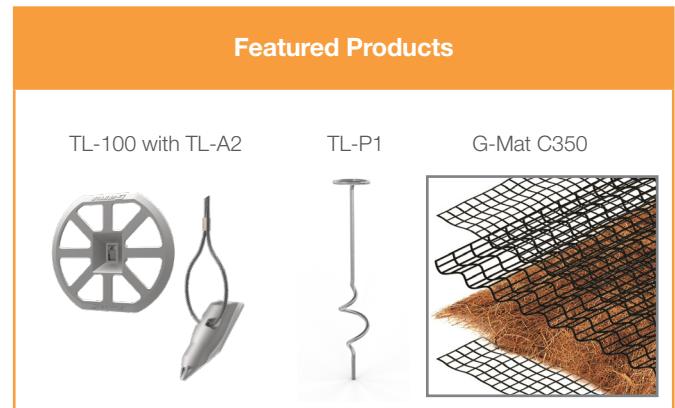
TOTAL COST
3 times cheaper

A new **hydroelectric powerplant** was built by the teams from the administrative region near the city of Muttersholtz. For the **reinforcement of slopes**, they chose Gripple's Terra-Lock solution over riprap.

Project Summary

Project	Hydroelectric Powerplant
Area	150 m ²
Services	Slope reinforcement

Featured Products



Terra-lock system was chosen after a take-off realised by **Gripple's engineering office**. Our solution allowed the customer to save 13 000 € on his initial budget.

COST SAVING SUMMARY

	Gripple solution	Traditional method
Overview	Geotextile et Anchoring : GPD et JackJaw	Riprap Earth moving equipment
Material cost	4 000 €	20 000 €
Installation time	16 hours	40 hours
Total weight of the materials	210 kg	1 Truck + 1 Excavator + 1 Mixer Truck + Concrete + Rocks



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PROJECT DETAILS

In eastern France, the administrative region had a project to build a hydroelectric powerplant. Initially budgeting riprap for slope reinforcement around the basin, they chose to install our Terra-Lock solution.

After a first on-site visit by our Gripple sales representative, a complete take-off study was realized by our engineering office. The study includes technical recommendations, product details, and certifications.

During the realisation of the project, our sales representative trained the teams to use our solution. On a total surface of 150 m², they installed over 170 TL-100 and TL-A2 anchors, with 430 TL-P to keep the matting in place. The total price of all materials was around 4 000 €, 5 times cheaper than the initially budgeted riprap.

Moreover, installation was carried out in 16 hours, without any of the heavy earth-moving equipment that would have

initially been required. This considerably helped to save labor costs and facilitated execution.

For our customer this was a success on all levels : reinforcement of the slope, time, and cost.



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