PROJECT DESCRIPTION

The right bank of the Gave de Pau river opposite the Grotto of Massabielle needs to be secured and redeveloped. The project is divided into 3 phases:

**Type 1:** High-priority works aimed at structurally strengthening the bank through major interventions including rock fill and sheet piling

**Type 2:** Medium-priority works aimed at strengthening the embankments through graveling, additional soil and re-vegetation

**Type 3:** Secondary and preventive works for the protection and upgrading of the embankments through planting and weirs.

In addition to technical studies and major interventions, particularly type 1, a large part of the project can be handled within a “youth training programme” with groups of young people. In line with Pope Francis’ Laudato Si encyclical, ecological and environmental education and experience could be shared between experts and young people.

PROJECT IMPACT

- Securing the embankments
- Technical consolidations aimed at protecting the heritage of the Sanctuary
- Development of the embankments of the Gave de Pau river
- Improvement of the heart of the Sanctuary
- Ecological and environmental education in the wake of Laudato Si
BUDGET

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Studies</td>
<td>€ 101 000</td>
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<tr>
<td>Type 1 works</td>
<td>€ 355 000</td>
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<tr>
<td>Type 2 works</td>
<td>€ 150 000</td>
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<tr>
<td>Type 3 works</td>
<td>€ 162 000</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>€ 768 000</strong></td>
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SCHEDULE

- Study phase: 6 months
- Work completion phase: 3 seasons of pilgrimages in order to include the participation of groups of young people.

CONTACT

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For all studies and work to be carried out, the Sanctuary of Our Lady of Lourdes commits to seeking a minimum of 3 competitive quotes where possible (and at least 2) and to rigorously monitor the budgets. Proof of all expenses will be provided to donors.