# REJOSO KITA

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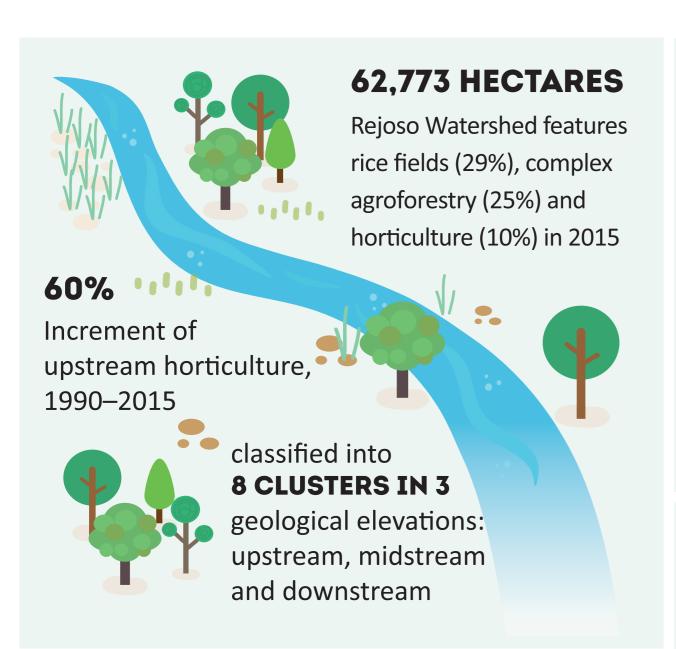
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www.worldagroforestry.org/project/rejosokita

## Save Water, Sustain Life

## Rejoso Business Case in Numbers



### 1.5% TO 2%

Decreased surface run-off by planting trees in 500 ha



#### 0.5% TO 1%

Increase in infiltration by planting trees in 500 ha



#### 18% TO 43%

Efficiency ratio between the upstream PES contract value and business as usual cost estimation for tree-planting activities

#### 3% TO 14%

Efficiency ratio between the midstream PES contract value and AQUA cost estimation for conservation activities



28.3 hectares and 70 farmers (upstream) and 78.3 hectares and 104 farmers joining the PES contract and verified

#### € 89 AND € 188

Contract values per hectare for upstream and midstream farming systems annually



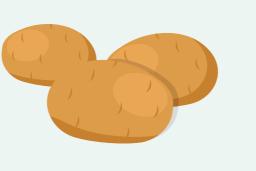


#### **1,024 HECTARE**

Area of agroforests needed for sequestering 43,838 tonnes of CO<sub>2</sub> as the target for Danone AQUA Ciherang CO, Full-Scope for insetting their business by 2025

#### 23% TO 40%

Revenue increment from potato planting per hectare due to agriculture conservation techniques





#### 2% TO 15%

Revenue increment from durian agroforestry per hectare owing to conservation agriculture techniques

The Rejoso business case is based on information from piloting a payment for ecosystem services (PES) scheme aimed at stimulating multi-stakeholder co-investment in restoring and maintaining good watershed functions. The business case presents the benefits of applying innovations in setting the PES pilot that enhance participation and inclusiveness of smallholder farmers in the programme, link the scientific approaches to on-the-ground actions and, ultimately, ensure that the programme is cost-efficient and effective in restoring and maintaining watershed functions compared to 'business as usual'.

The business case covers the upstream and midstream pilots of Rejoso watershed, the first phase of the Rejoso Kita initiative implemented by a consortium coordinated by Social Investment Indonesia Foundation, World Agroforestry (ICRAF), Collaborative Knowledge Network (CK-Net), TNC and partners supported by the Danone Ecosystem Fund. At the end of this document, a 'roadmap' presents four follow-up strategies, which cover further interventions in the downstream of Rejoso to guarantee comprehensive and integrated watershed and water resource management that simultaneously enhances local welfare and stimulates a change of behaviour to reduce the local water footprint.

- Upstream and midstream: operational and sustainable payment for ecosystem services schemes for increasing watershed infiltration capacity and reducing sedimentation rates
- **Downstream:** water resource engineering for increased efficiency and security
- **Downstream:** climate-smart paddy rice cultivation (water efficient and low emission)
- Cross-cutting livelihood options: upstream, midstream and downstream





