PROJECT DESCRIPTION: Development Investment Proposal

WEBSITE CLIENT	https://n-three.co.id/
REGION	ASIA
COUNTRY	INDONESIA
SECTOR	WATER INFRASTRUCTURE
SIGNING DATE	30 DAYS FROM PUBLICATION AT WEBSITE
TOTAL FINANCING	EUR 205,500
FUND	GRAND FUNDING (ORIGINATION FACILITY)

- *Who is our (prospective) client?*

  PT N-Three ("N3") is a provider, developer and operator for clean water, wastewater recycling, water treatment and desalination. It provides bulk water to the water utility companies (known as PDAM "Perusahaan Daerah Air Minum") in West Bandung, West Java. They have been in operation since 2017. The current site supplies 50 litres/second and will be scaled up by an additional 120 litres/second. N3 is seeking to scale up their bulk water supply operation to supply West Bandung, Cimahi city and Bandung Municipalities with 400 litres/second. This means N3 will be able to supply at total of 570 litres/second to the water utility companies.

- *What is the intended funding objective (type of activity)?*

  The bulk of the matching grant monies are going to be used to engage independent technical consultants to carry out the needed de-risking assessments. Tier 1 technical advisors will be engaged to achieve international standards and lower potential project risks.
  - 57% of the grant funds is to undertake the feasibility study.
  - 17% of the grant funds is to undertake the AMDAL (Environment Impact Assessment).
  - 8% of the grant funds will be used to undertake an operational business plan assessment.
  - 6% of the grant funds is to bid and contract the needed qualified EPC (engineering procurement construction) contractor.

- *Why do we fund this project?*

  West Bandung is a water stressed area, where water scarcity is common during parts of the year. This project is expected to provide water resources to approximately 160,000 people. Of the new water supplied to the water utility companies, 77% of the additional water will go to the

municipal zone and 23% of the additional water supply will go to the industrial zone. Investments into sustainable water infrastructure can help ease the burden on communities underserved with fresh water supplies. The direct benefit is that people have access to more affordable water, which is provided by the water utility company. The indirect benefit is improved health and wellbeing.

The Indonesian National Adaption Plan (NAP) recognizes that changing temperature and weather patterns are placing an increasing strain on water availability. Java Island has been identified as having decreasing water availability until 2045. This project meets the recommended climate change intervention of adding infrastructure to provide alternative sources of clean water.