OVERVIEW

- The international Community Plumbing Challenge (CPC) program works with communities-in-need to provide access to clean water and sanitation, aiming to improve living environments and public health in surrounding localities.
- Each CPC edition has a strong educational focus, with every project bringing together teams of volunteers from a cross-section of technical skill sets centered around plumbing, engineering, and construction trades.
- Students and apprentices work alongside experienced professionals and the host community to design and build new sanitary facilities, or renovate existing ones.
- Previous CPC projects have addressed toilets, handwashing, water supply and and wastewater systems in a variety of environments, including schools, densely-populated informal settlements, and remote residential settings. Since 2015, CPC programs have been developed in India, South Africa, Indonesia, and the Navajo Nation region of the United States.

Process

- The latest CPC project will focus on the design and construction of a new public toilet and wash facility in the coastal village of Kampung Nelayan Untia.
- Through a series of community meetings and site assessments carried out during an intensive Design Week (18–21 Nov, 2019), recommendations were collected and developed into a design solution and subsequent construction plan that adheres to Indonesian building codes and standards.

Outcomes

- Following all necessary approvals, an international trades team will return to Untia Village for an intensive, collaborative construction project in May 2020.
- This CPC event will feature further community engagement around public health awareness, plus education and training for local partners re. upkeep and maintenance of the new public toilet and wash facilities.