

Partnership for Aquaculture Development in Timor-Leste (PADTL)

Increasing the supply of high quality tilapia seed to support a growing aquaculture industry

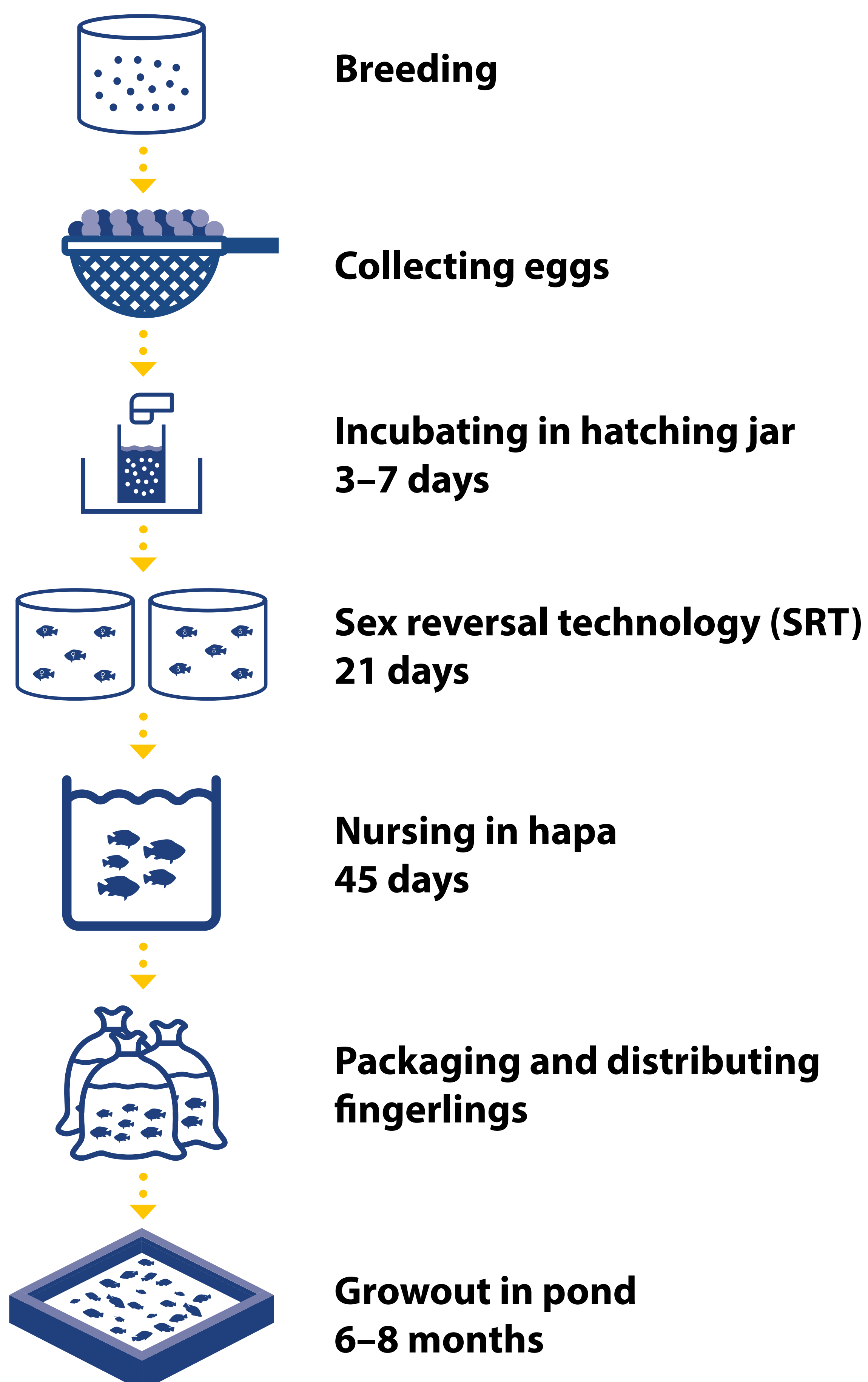
Assured supply of quality seed is key to sustainable intensification of tilapia production in Timor-Leste. Enhanced availability of and improved access to seed hinge upon the establishment of a network of government and private hatcheries and nurseries for widespread distribution to farmers.

The PADTL project lays the foundation for developing a sustainable seed production system to support the expansion of tilapia production in Timor-Leste:

- Four cohorts of Genetically Improved Farmed Tilapia (GIFT) were introduced from Malaysia in April 2015.
- The government-run hatchery in Gleno was refurbished and technical capacity enhanced to receive, multiply and maintain the high quality GIFT broodstock.
- By end of 2018 1.5 million GIFT fingerlings were distributed to more than 800 farmers across 11 municipalities.
- A private hatchery established at Leohitu in April 2019 with PADTL support receives broodstock from Gleno for enhancing fingerling production to meet growing demand.



A systematic seed production process was implemented to ensure the supply of quality GIFT monosex fingerlings to farmers.



The complementary roles of the Gleno and Leohitu hatcheries mark the beginning of developing a network of hatcheries and nurseries through public-private partnerships (PPP) that constitutes an effective and reliable seed distribution system to support a sustainable aquaculture industry for Timor-Leste.

