



Mango Agribusiness Research Program

Agribusiness research and development opportunities
for tropical fruit processing in the Asia-Pacific region
AGB/2016/010

Session 4: Research & Innovation Case Studies

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Title: Commercial & private sector R&D & institutional research

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Information
Markets
Biosecurity
Quality



Implementing Agency



Funding Agency





R&D Overview

- ▶ Institutional research: Government agencies (DA-BAR; DOST- PCAARRD/PCHRD/ITDI, etc.), USAID, ACIAR, FAO and other international R&D organizations fund research institutions such as universities, research organizations and NGOs doing mango research

- ▶ Private sector - own research



Recent Examples

- ▶ ‘Product Development of Mango-Derived Nutraceuticals by Spray Drying Technology’ funded by USAID-Science, Technology, Research and innovation for Development (STRIDE) from 2015-2017. At the University of San Carlos in Cebu City
- ▶ Basic and applied researches on ‘Carabao’ mango – to increase yield, reduce postharvest losses and enhance grower capability on crop management, postharvest quality management and GAP



Learnings

- ▶ Waste management and value adding – utilization of mango parts otherwise considered as waste for use as ingredients in nutraceuticals, food and feeds
- ▶ Collaborative research among industry, government and academe



Next Steps/Future Activities

- ▶ Improvement in product packaging
- ▶ Development of new products
- ▶ Strengthened research and development