Nano and Advanced Materials Institute Limited (NAMI) – The Global Technology Marketplace

Think Asia, Think Hong Kong NY / LA 11th and 14th June, 2013

Ka Ming NG CEO, NAMI Chair Prof, HKUST



NAMI's Goals

- Serve Hong Kong and Mainland industries in collaboration with the global community in technology development and commercialization
- Fill the gap between fundamental research and commercial production – applied research and pilot testing



Our Approach and Strategy



Strong External Support and Network



HK Science Park

Office space: 8,415 sq.ft.



Lab space: 14,144 sq.ft.

LANTAU ISLAND

ha Kwo

@ Tau Lo Chau

Series HM200L/E Year 2004

113°50'E



114°10



114°20'E

NDONESIA

NAMI's Five Areas of Focus





納米及先進材料研發院有限公司 Nano and Advanced Materials Institute Limited

Case 1: Collaboration with DuPont on Thin Film a-Si



Source: http://www.epia.org/fileadmin/EPIA_docs/public/Global_Market_Outlook_for_Photovoltaics_until_2014.pdf; http://www.altenergymag.com/emagazine/2010/08/thin-film-photovoltaic-pv-cells-market-analysis-to-2020/1557

Case 2: Collaboration with HP on SERS



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Five Types of Projects

Platform research projects

- At least 2 industrial partners
- Industry cash / in-kind contributions at least 10% of the total project cost (IP owned by NAMI)

Collaborative research projects

- Industry cash/ in-kind contribution is no less than 50% of the total project cost (IP owned by company)
- **Contract research projects** (solely funded by industry)
- Seed Projects (solely funded by NAMI)
- **Trade Association Projects** (NAMI responsible for soliciting funding; forward-looking and beneficial to entire market sector)
- Cash rebate for R&D (30% of industrial contribution)
- Up to half of the total project fund can be spent outside of Hong Kong.

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