

# OVERCOMING THE INERTIA IN ADOPTING INNOVATIVE CONSTRUCTION DEVELOPMENTS

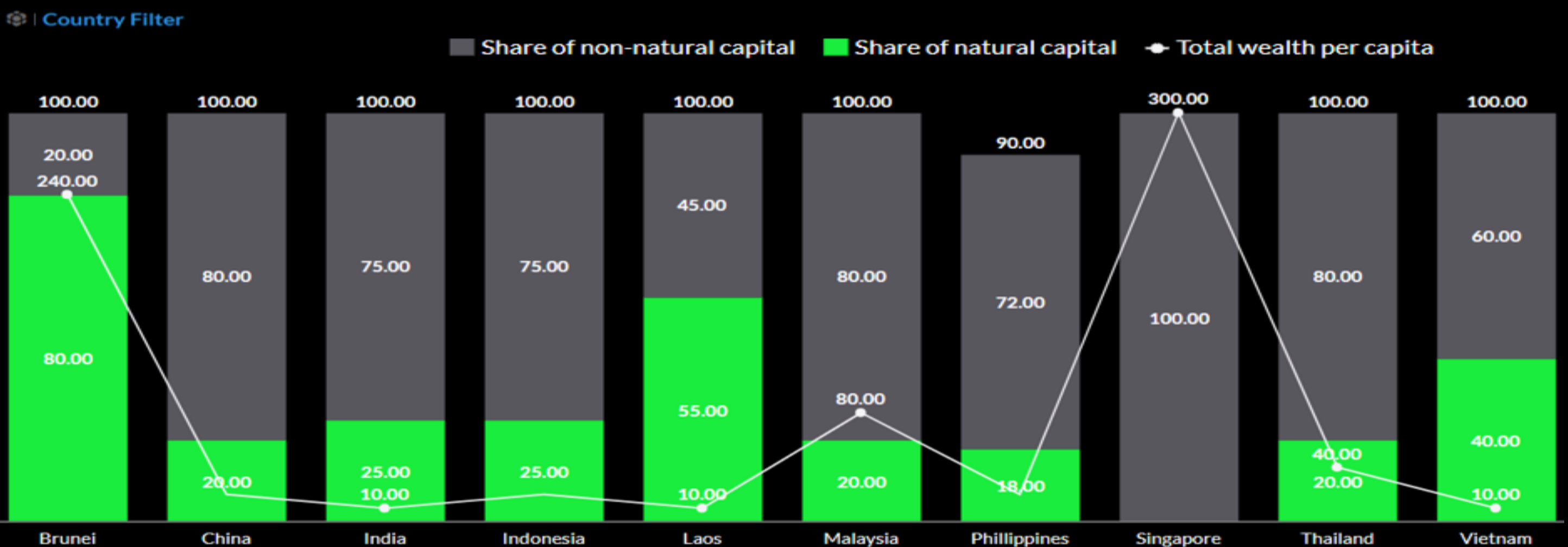
## OBJECTIVE:

“To overcome the issues that are typical in Southeast Asia construction industries through adoption of policy framework with the help of government agencies”

## SDG:

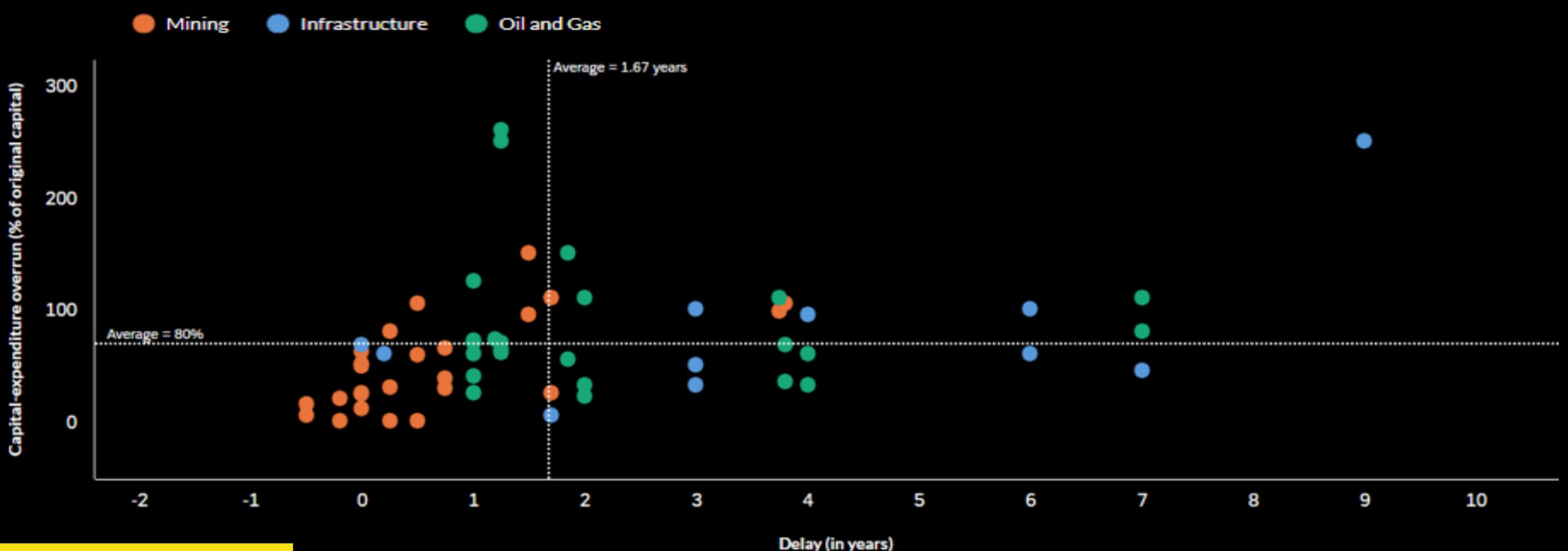


## Contribution of Natural Capital to the Total Wealth of SEA



## Capital - Expenditure Overrun VS Delay per Industry

Scatter plot chart showing the correlation of capital overrun against project delays



# ISSUE #1

Frequent delays and cost-overruns due to over reliance on traditional western construction methods

# ISSUE #2

The “Grow-Now-Clean-Up-Later” model proven unsustainable which will have dire environmental and social consequences

## PROPOSED RECOMMENDATION

### POLICY FRAMEWORK IMPLEMENTATION ROADMAP (UP TO 7 YRS)

#### AWARENESS NOW

- Collaboration with stakeholder
- local
  - foreign
  - engineering institutions through curriculum

#### TRAINING AND WORKSHOP 6 MTH - 1 YR

- Allow participants to experience
- receive **guidance**
  - produce a **PILOT PROJECT**, displaying an adoption **example**.

#### INCENTIVIZE UP TO 5 YRS

- Sustainable rating system based on of a contractor
- Recognition**: tendering
  - Subsidies**: government
  - Exemption**: certain tax

#### ENFORCEMENT

- Executing **non-compliance fines** and policy restrictions
- Financial penalties
  - Raise in fees** such as transactions fees, permit fees.

#### DISINCENTIVIZE

Instead of giving benefits, **privileges** are **withdrawn** such as oppourtunity to tender for projects

#### DISAPPROVE

Unsustainable **projects** for those who chose to not adopt will be **disapproved**

