



INDONESIA
DEVELOPMENT
FORUM 2018
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INDUSTRIAL ESTATE DEVELOPMENT: CHALLENGES AND OPPORTUNITIES IN STRENGTHENING COMPETITIVENESS OF MANUFACTURING INDUSTRIES

Sri Sarjana





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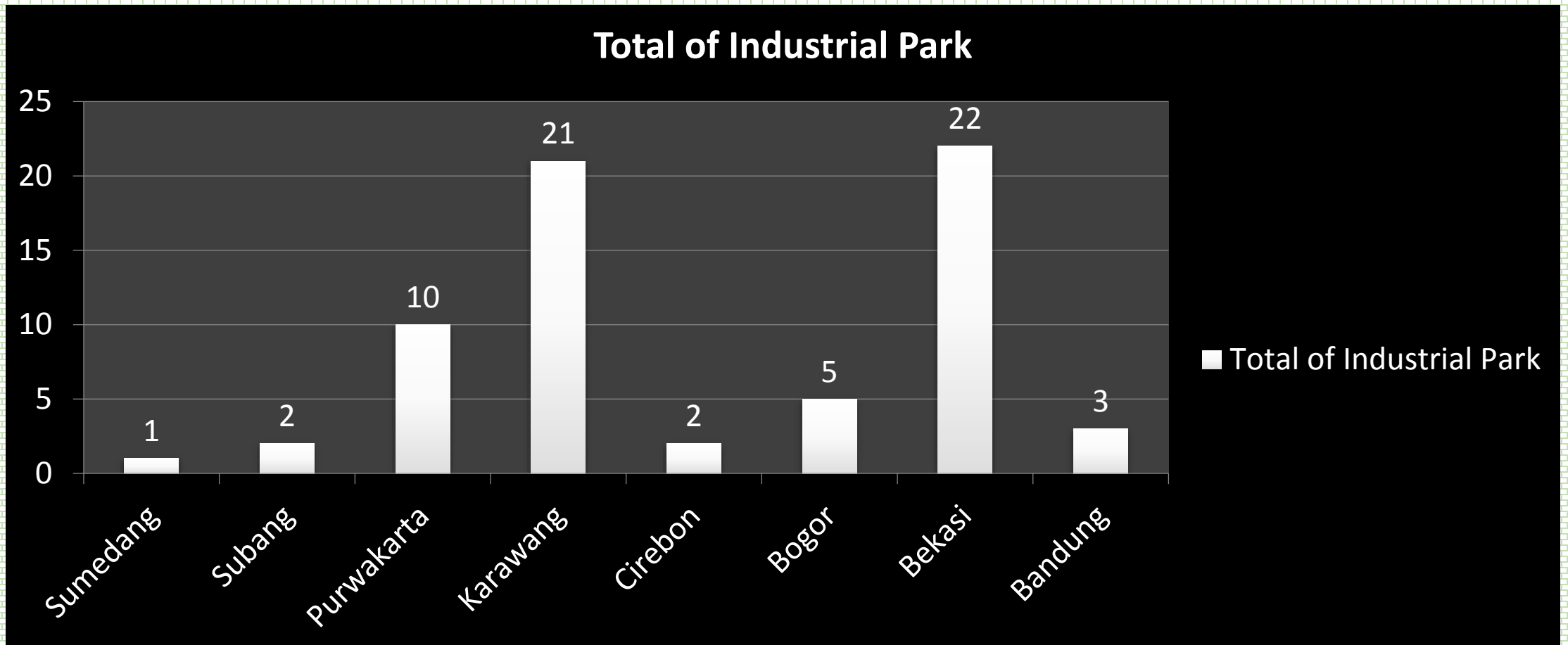


INTRODUCTION



INDONESIA DEVELOPMENT FORUM 2018
10-11 July 2018, Jakarta

Dissemination of Industrial Park in West Java

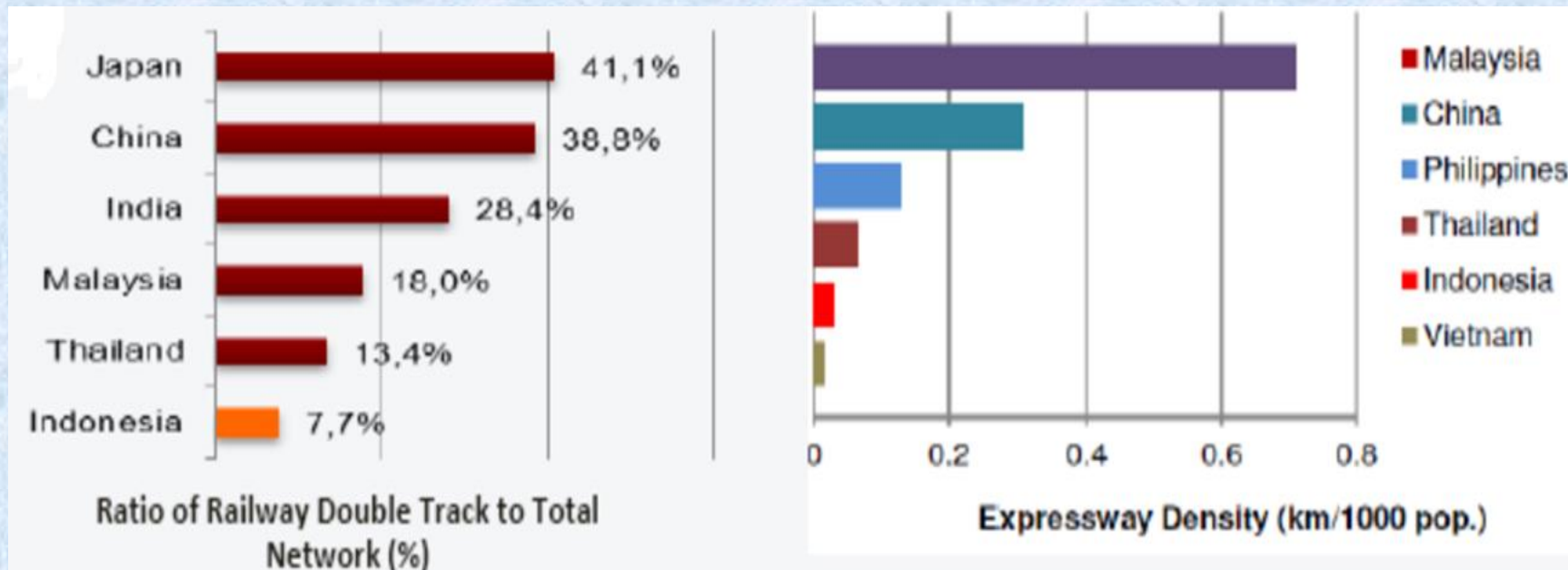


Source : Himpunan Kawasan Industri Indonesia 2015

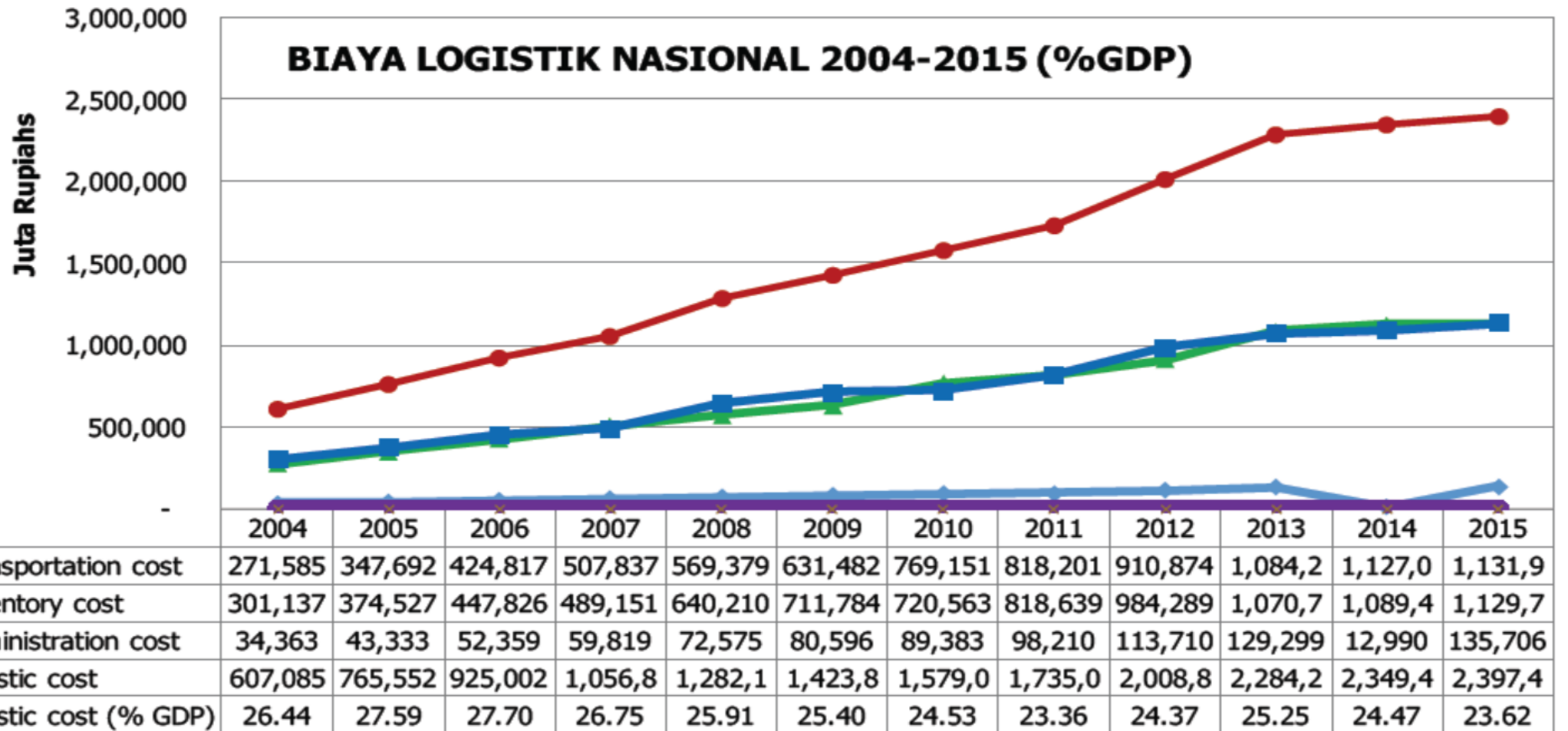
Logistic Performance (World Bank, 2016)

Country	LPI Rank	Infrastructure Quality Rank
Singapore	5	6
Malaysia	32	33
Indonesia	63	73
Vietnam	64	70

Logistic Cost

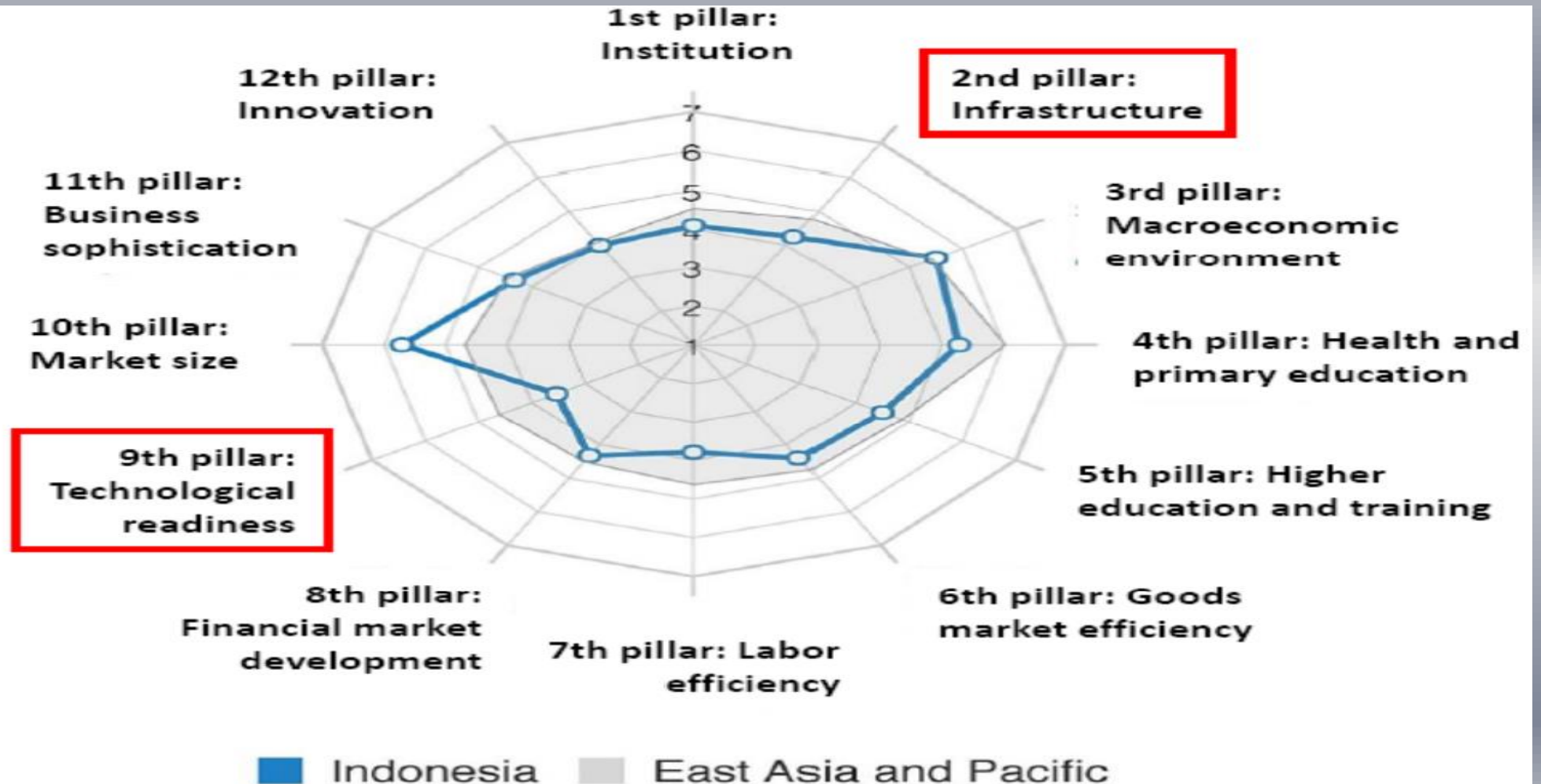


National Cost Logistic

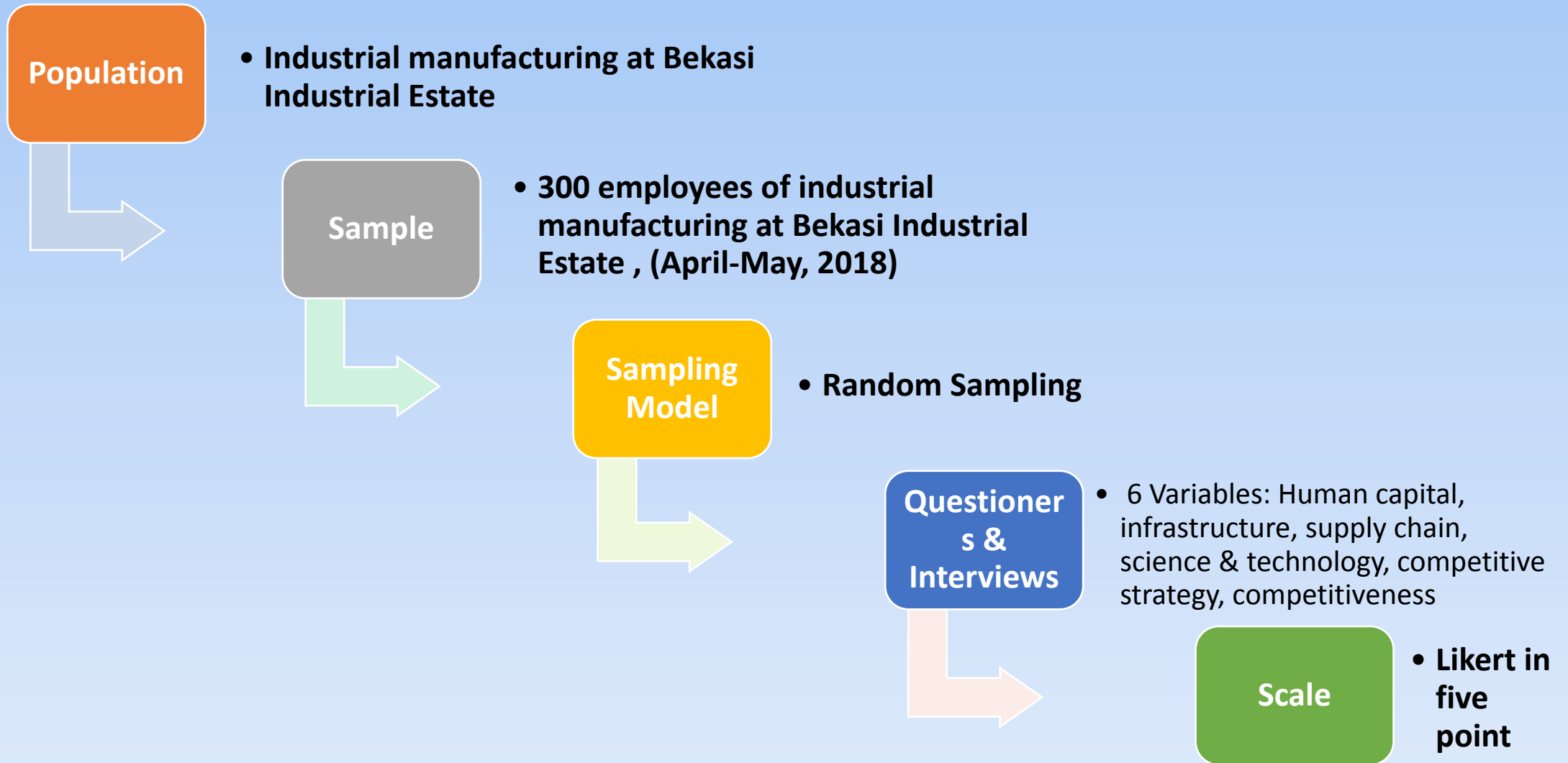


Source: Logistics and supply chain center; ITB

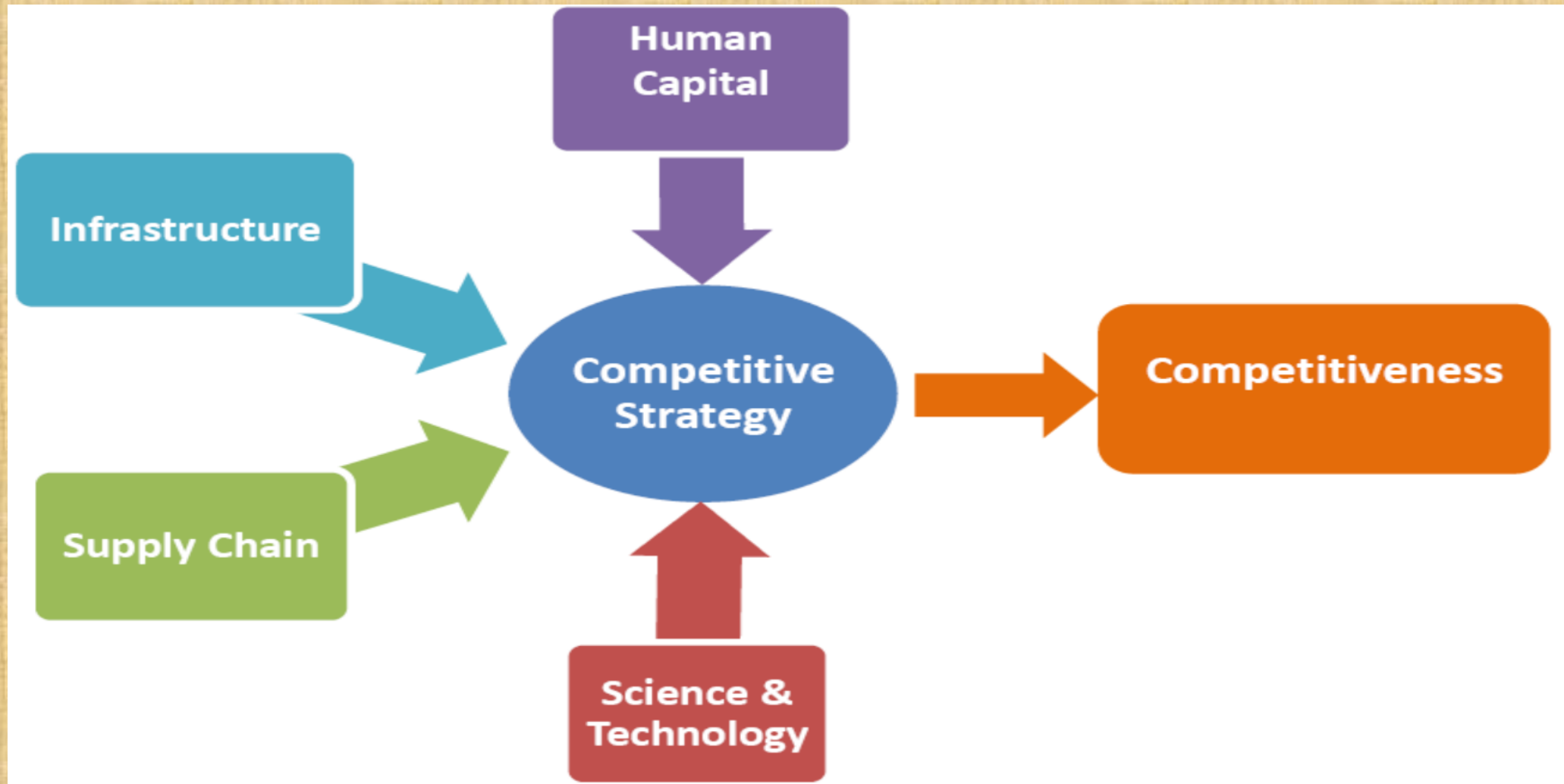
Current Condition



METHODOLOGY



INDUSTRIAL ESTATE DEVELOPMENT MODEL





Hypotheses

1. Human capital has positive effect on competitive strategy

2. Infrastructure has positive effect on competitive strategy

3. Supply chain has positive effect on competitive strategy

4. Science and technology have positive effect on competitive strategy

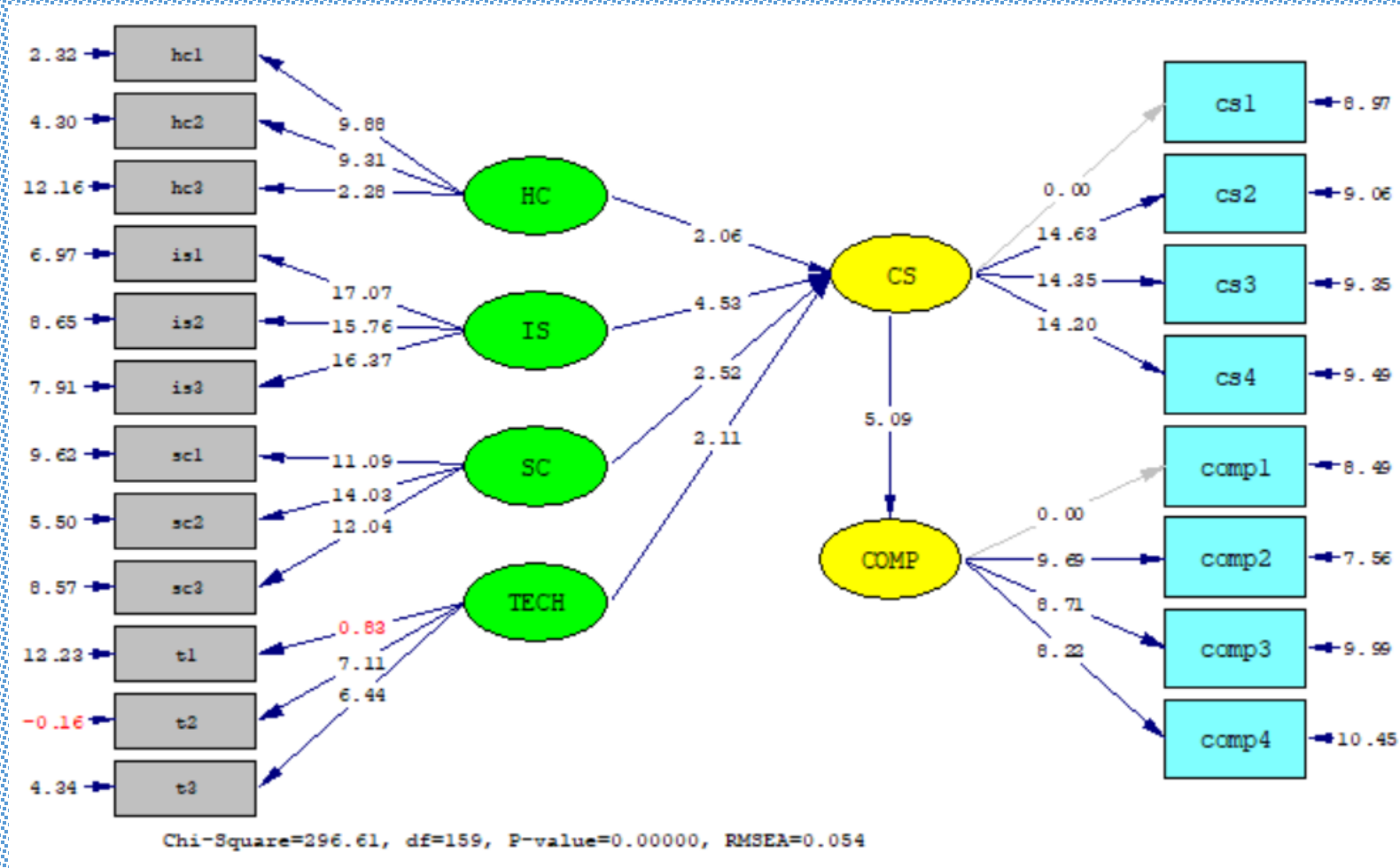
5. Competitive strategy has positive effect on competitiveness



Result of Goodness of Fit Model

Goodness of Fit	Fitness Criteria	Result	Remark
GFI	≥ 0.90	0.91	Good Fit
RMR	≤ 0.05	0.077	Marginal Fit
NFI	≥ 0.90	0.90	Good Fit
NNFI	≥ 0.90	0.94	Good Fit
CFI	≥ 0.90	0.95	Good Fit
IFI	≥ 0.90	0.95	Good Fit
RFI	≥ 0.90	0.89	Marginal Fit
AGFI	≥ 0.90	0.88	Marginal Fit
PGFI	0 – 1	0.69	Marginal Fit
PNFI	0 – 1	0.76	Marginal Fit

Result of Structural Equation Modeling

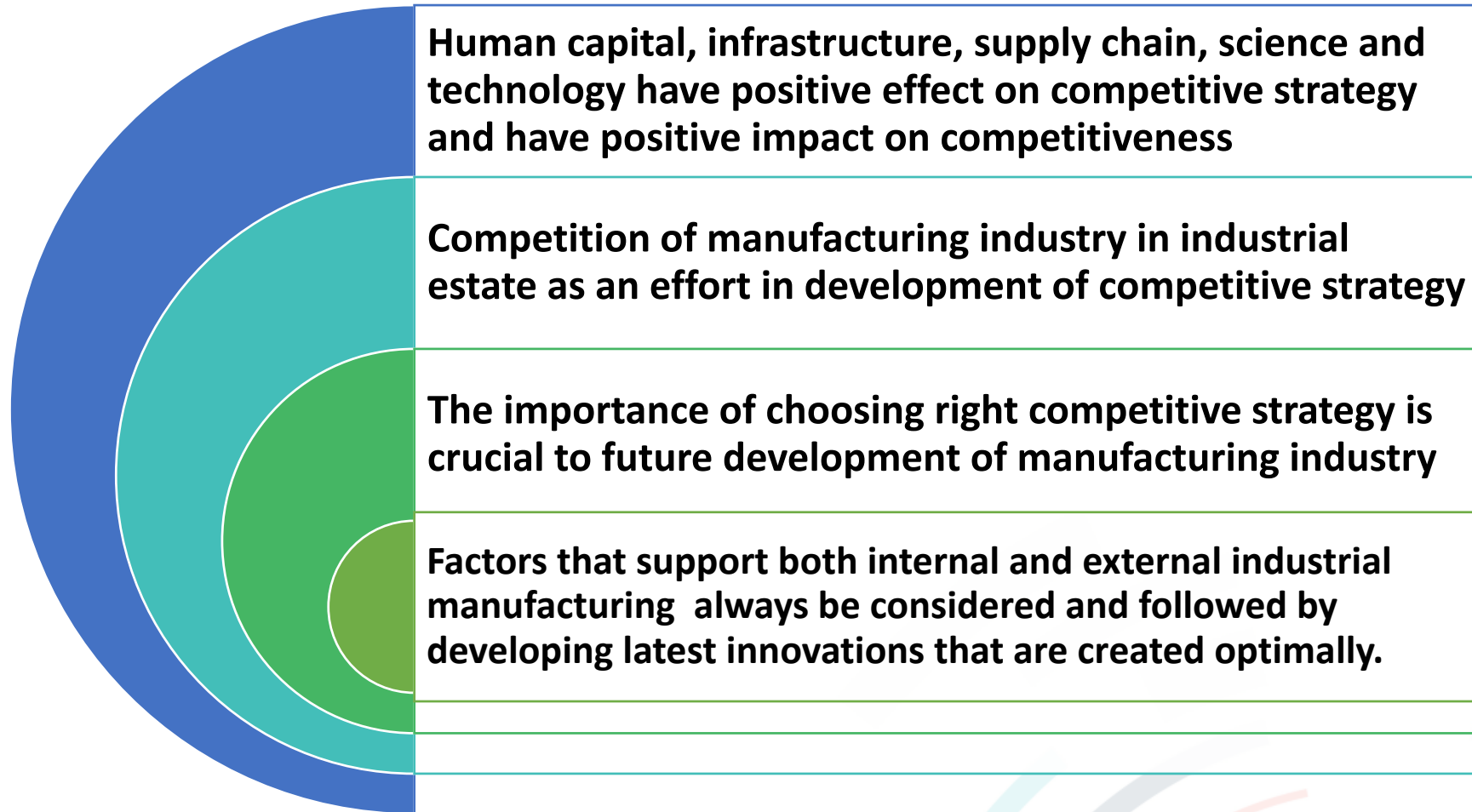


Result of Hypotheses

Hypotheses	Coefficient Standardized Solution	t value	Conclusion
Human capital → Competitive strategy	0.14	2.06	Accepted
Infrastructure → Competitive strategy	0.29	4.53	Accepted
Supply chain → Competitive strategy	0.18	2.52	Accepted
Science & tech → Competitive strategy	0.13	2.11	Accepted
Competitive strategy → Competitiveness	0.37	5.09	Accepted



Conclusion





Terima
Kasih