



# Study of Cattle Performances and Welfare during Inter Island Transportation in Camara Nusantara Cattle Ship

Kajian Performa dan Kesejahteraan Sapi Selama Proses Transportasi Antar Pulau Menggunakan Kapal Ternak Camara Nusantara

Team

Rudi Afnan

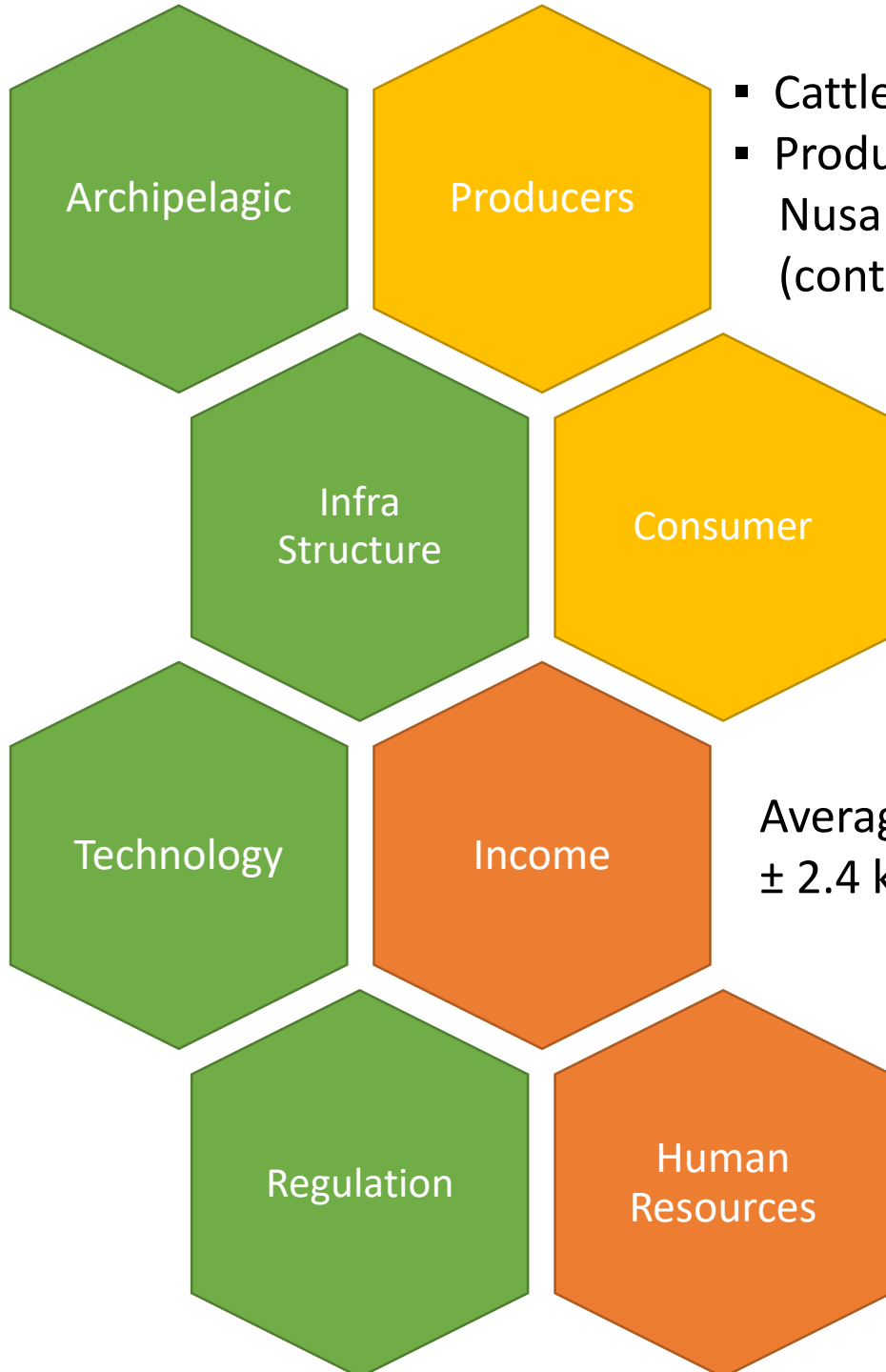
Rudy Priyanto

Salundik

Edit Lesa Aditia

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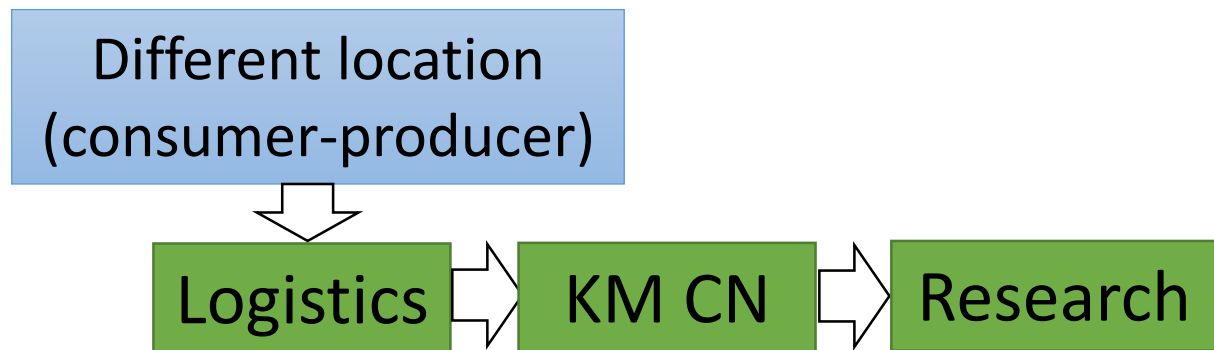
# SITUATION



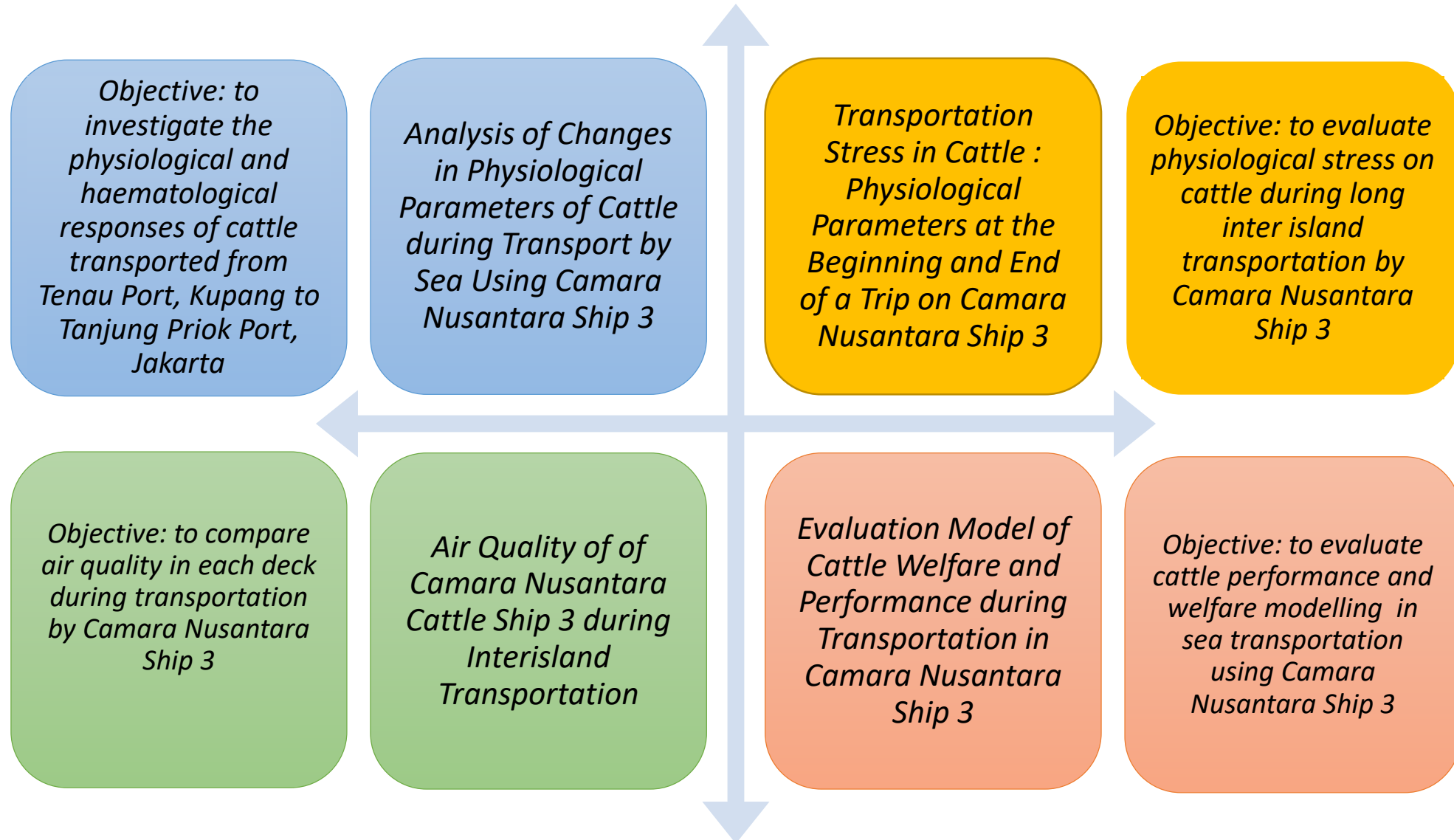
- Cattle population in Indonesia 14.726.875 heads (2014)
- Producer centers: East Java, Central Java, South Sulawesi, East Nusa Tenggara, West Nusa Tenggara, Bali and Lampung (contribution 60% of national total population (DPKH 2015))

Concentration of consumer particularly in DKI Jakarta, West Java and East Java

Average national beef consumption  $\pm 2.4$  kg/kapita/year (PUSDATIN 2015)



# Research Sub Topics



Partners: Directorate of Processing and Marketing of Livestock Product (PPHnak), Indonesia shipping Company (PELNI), Ministry of Transportation

Topic	Student	Supervisor
Analysis of Changes in Physiological Parameters of Cattle during Transport by Sea Using Camara Nusantara Ship 3	Adam Kustiadi	Dr. Rudi Afnan Dr. Epi Taufik Dr. drh. Aryani Sismin Satyaningtjas
Transportation Stress in Cattle: Physiological Parameters at the Beginning and End of a Trip on Camara Nusantara Ship 3	Davin Christian	Dr. Rudi Afnan Dr. Epi Taufik Dr. drh. Aryani Sismin Satyaningtjas
Air Quality of of Camara Nusantara Cattle Ship 3 during Interisland Transportation	Talitha Devina	Dr. Salundik Dr. Ahmad Yani
Evaluation Model of Cattle Welfare and Performance during Transportation in Camara Nusantara Ship 3	Shabrina Dyah Wibawanti	Dr. Moh. Yamin Dr. Rudi Afnan Dr. Rudy Priyanto

Output: 4 accredited publications on national and international journal (on process)