MAPPING SUPPLY CHAINS

KOCHI
Title- Mapping Supply Chains, Kochi

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About the document- This document is a deliverable of the “EcoLogistics: Low Carbon Freight for Sustainable Cities” project. It includes illustrations a description of the supply chain of priority sectors that were identified during discussions with various stakeholders. The mapping is an illustrative adaptation of technical findings of the EcoLogistics baseline report for Kochi. It includes freight items like building materials, food grains and vegetables, Maveli (grains, pulses and spices) and Non-Maveli (FMCG) products. The type of freight vehicles that are used to transport freight are also illustrated.

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About the EcoLogistics project- Supported by the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) through the International Climate Initiative (IKI), ICLEI’s EcoLogistics project aims to increase the capacity of governmental and non-governmental actors in building strategies and policies to promote low-carbon and sustainable urban freight in Argentina, Colombia and India, involving nine cities and regions:
• Argentina: Córdoba, Rosario, Santa Fe de la Vera Cruz (Santa Fe)
• Colombia: Capital District of Bogotá, Metropolitan Area of the Aburrá Valley (AMVA), Manizales
• India: Kochi, Shimla, Panaji

For more information, please visit: sustainablemobility.iclei.org/ecologistics

About ICLEI - Local Governments for Sustainability
ICLEI – Local Governments for Sustainability is a global network of more than 2500 local and regional governments committed to sustainable urban development. Active in 125+ countries, we influence sustainability policy and drive local action for low emission, nature-based, equitable, resilient and circular development.

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Disclaimer
The information in this document is based on the primary and secondary data collection and interaction with various stakeholders in Kochi under ‘EcoLogistics – Low Carbon Freight for Sustainable Cities’ Project. While every effort has been made to ensure the correctness of data/ information used in this report, neither the authors nor ICLEI South Asia accept any legal liability for the accuracy or inferences drawn from the material contained therein or for any consequences arising from the use of this material.

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From stone quarries at Perumbavoor and Muvattupuzha to stone crushers at Chottanikkara, Kochi

From stone crushers at Chottanikkara to wholesalers in Vennala, Kochi

In the building material supply chain, the raw materials are acquired from rock quarries in Perumbavoor and Muvattupuzha. The goods are then transported by roads to the crusher units at Chottanikkara. The processed material is then supplied to the wholesaler, in Vennala and from there they are supplied to the retailers. Many times builders directly buy stones from wholesalers and crusher units.

BUILDING MATERIAL TRIPS ACCOUNT FOR

14% OF THE TOTAL TRIPS

16% OF THE BUILDING MATERIALS ENTER FROM CORDON NO. 8
21% OF THE BUILDING MATERIALS ARE REGISTRED AT CORDON NO. 4

HCVs- Heavy Commercial Vehicles, MGVs- Medium Commercial Vehicle, LCVs- Light Commercial Vehicles
Food grains and vegetables supplied to Ernakulam Market from Andhra Pradesh, Tamil Nadu and Alappuzha, Kerala. Some state based farms in Alappuzha also supply fruits and vegetables to the market.

Goods transported from Ernakulam Market to town markets in GDCA Area and retail vendors in Kochi.

**VEGETABLES, FRUITS, EGGS, FISH CONSTITUTE 75%**
**FOOD GRAINS CONSTITUTE 5%**
MAVELI PRODUCTS/GOODS ARE TRANSPORTED FROM VARIOUS LOCAL AND INTRASTATE MANUFACTURES IN KERALA TO KALOOR (REGIONAL SUPPLY CO OFFICE) IN KOCHI (DETAILED MAP WITH CORDON POINTS AND SPECIFIC ROUTES)

Consumer items account for 11% of the total trips, which include both Maveli and Non-Maveli items. One of the important organizations involved in trading of consumer items in Supplyco, which is a Government of Kerala-owned company headquarters in Kochi. It acts as the execution arm of the Department of Food and Civil Supplies of the Government of Kerala.
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NON-MAVELI GOODS COME FROM VARIOUS PARTS OF INDIA

Non-Maveli products/goods come from various Kerala based (established brands) and interstate (out of Kerala) manufacturers

GOODS ARE DELIVERED TO THE REGIONAL SUPPLYCO OFFICE IN KALOOR, EXCEPT OIL AND FOOD GRAINS WHICH ARE DELIVERED TO 5 TALUKA DEPOTS LOCATED ON THE PERIPHERY OF THE CITY

Kochi Municipal Corporation Area
Kochi City Region
Greater Cochin Development Area
Cordon points
SupplyCo Regional Office
SupplyCo Taluka Depots

NON-MAVELI PRODUCTS INCLUDE CONSUMER PREPACKED ITEMS. THEY ARE IMPORTED TO KOCHI FROM MANUFACTURERS BASED IN KERALA AND OTHER STATES OF INDIA
GOODS FROM KALOOR REGIONAL SUPPLYCO OFFICE AND 5 TALUKA DEPOTS ARE DISTRIBUTED TO 120 SUPPLYCO STORES IN KOCHI

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