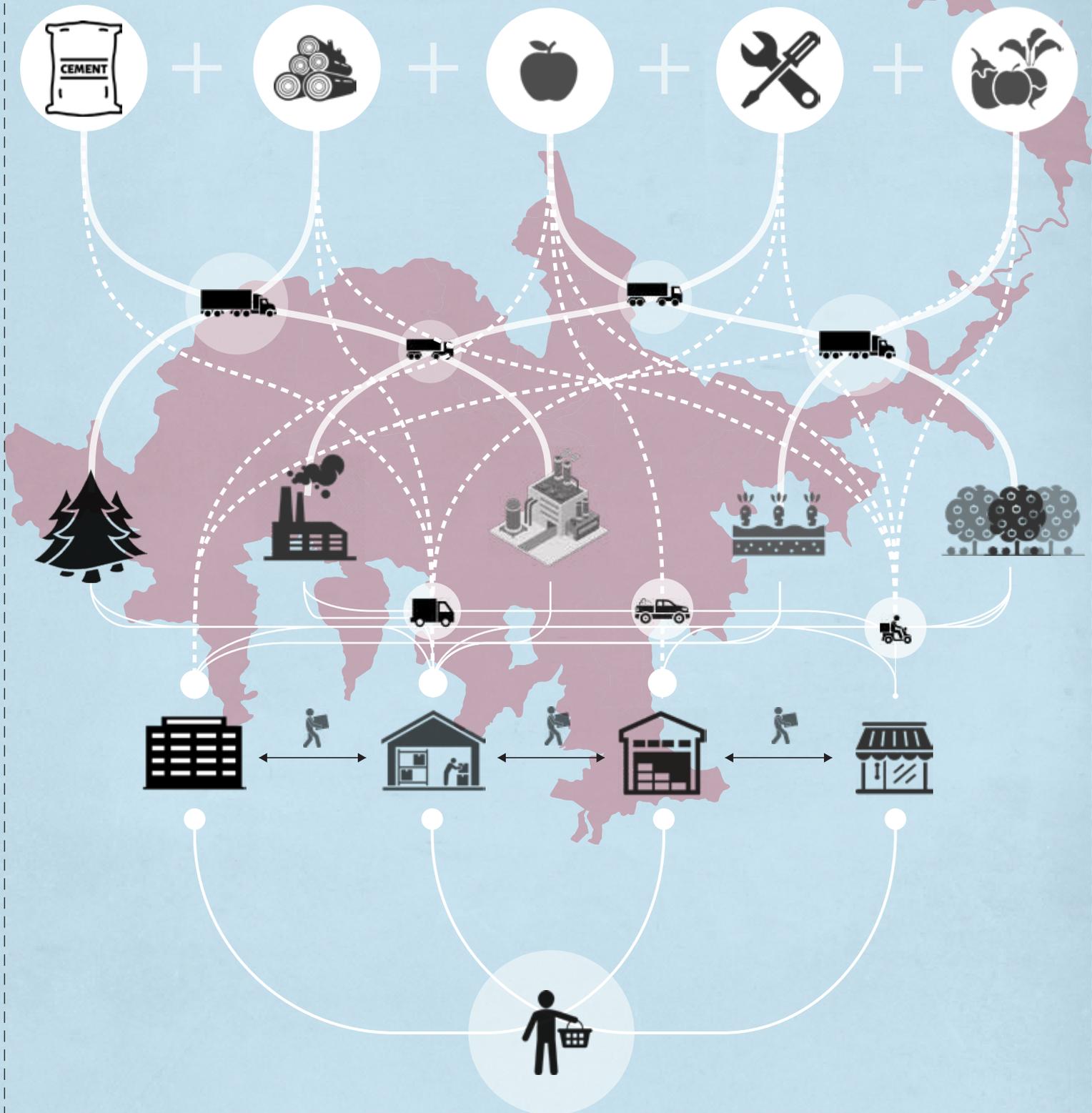


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based on a decision of the German Bundestag

# MAPPING SUPPLY CHAINS



# SHIMLA

## Title- Mapping Supply Chains, Shimla

**Publisher-** ICLEI – Local Governments for Sustainability, South Asia.

**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 Shimla. It includes freight items like cement, hardware, stone and sand, fruits (apples), vegetables, timber and dairy products. The type of freight vehicles that are used to transport freight are also illustrated.

**Author-** Emani Kumar, Ashish Rao Ghorpade, Amar Kulkarni, Vijay Saini, Nandini Shandilya, Vandana Thakur

**Year of publishing-** 2022

**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](https://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.

### Acknowledgement

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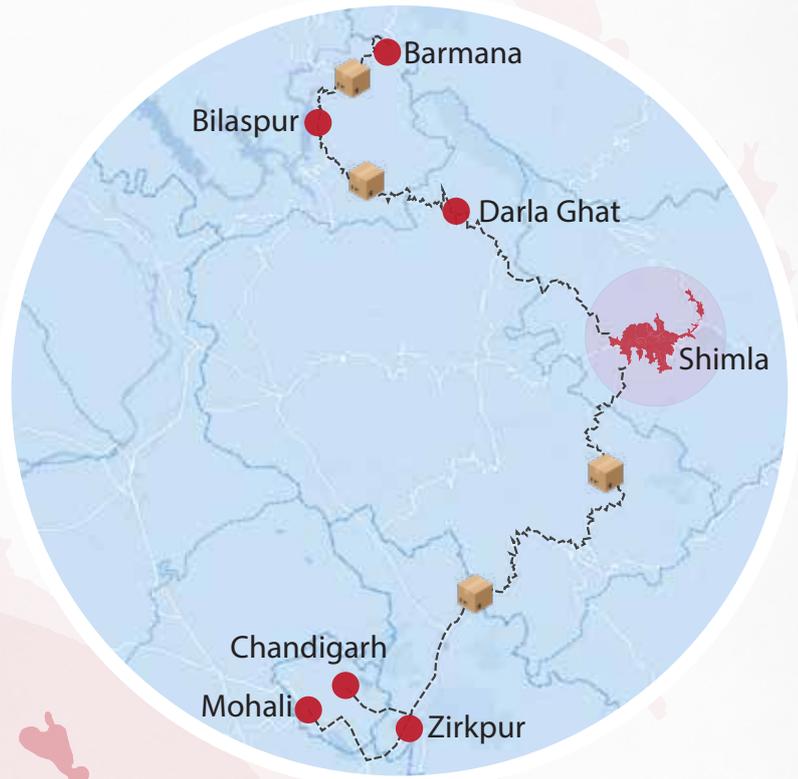
### Disclaimer

The information in this document is based on the primary and secondary data collection and interaction with various stakeholders in Shimla 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.

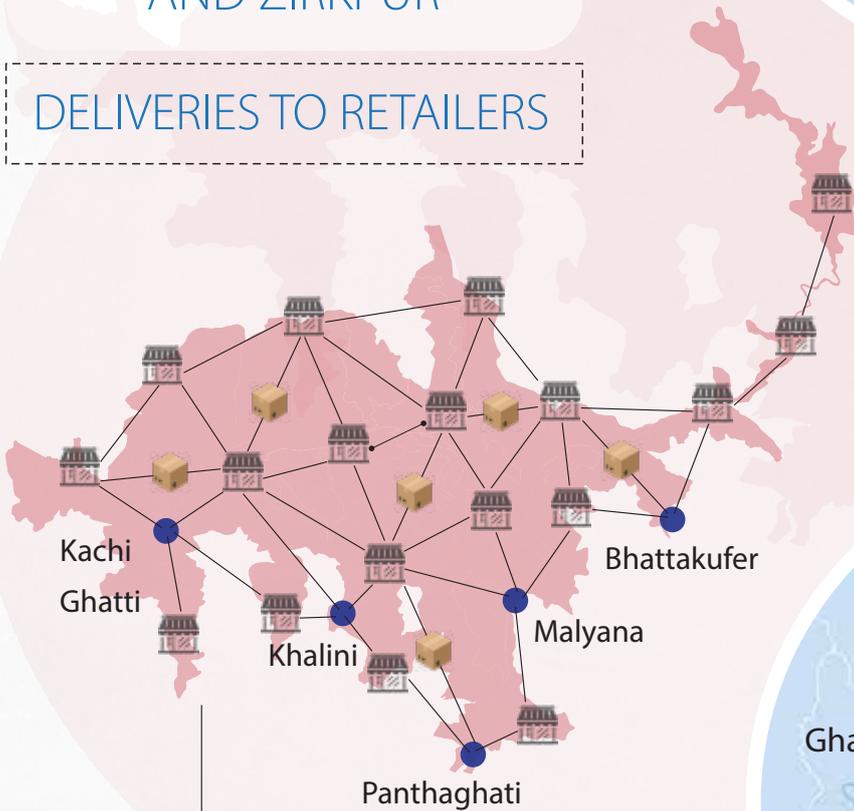
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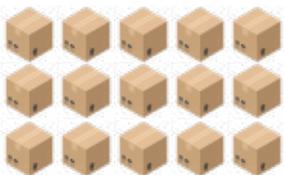
BUILDING MATERIALS LIKE CEMENT, STONE AND SAND COME FROM NEARBY TOWNS OF HIMACHAL PRADESH. HARDWARE IS TRANSPORTED FROM CHANDIGARH, MOHALI AND ZIRKPUR



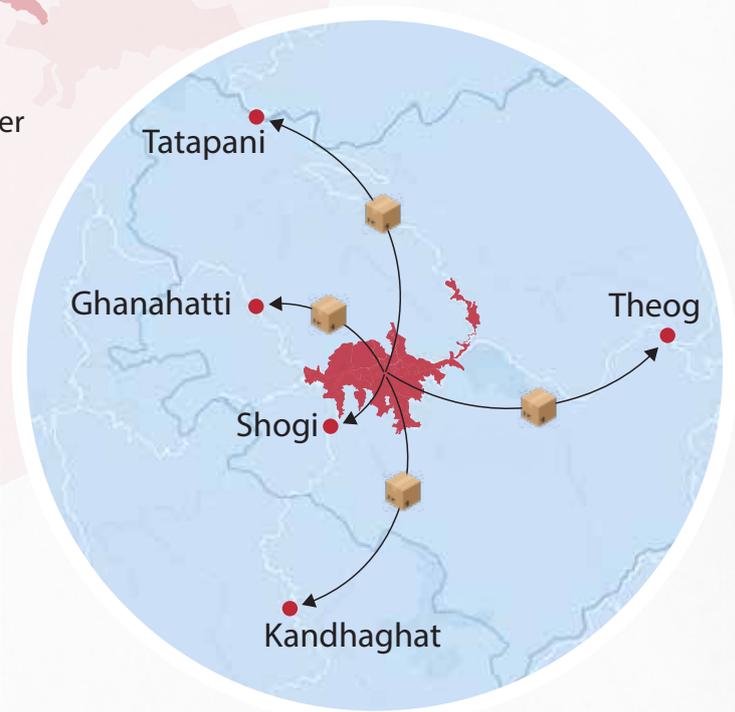
### DELIVERIES TO RETAILERS



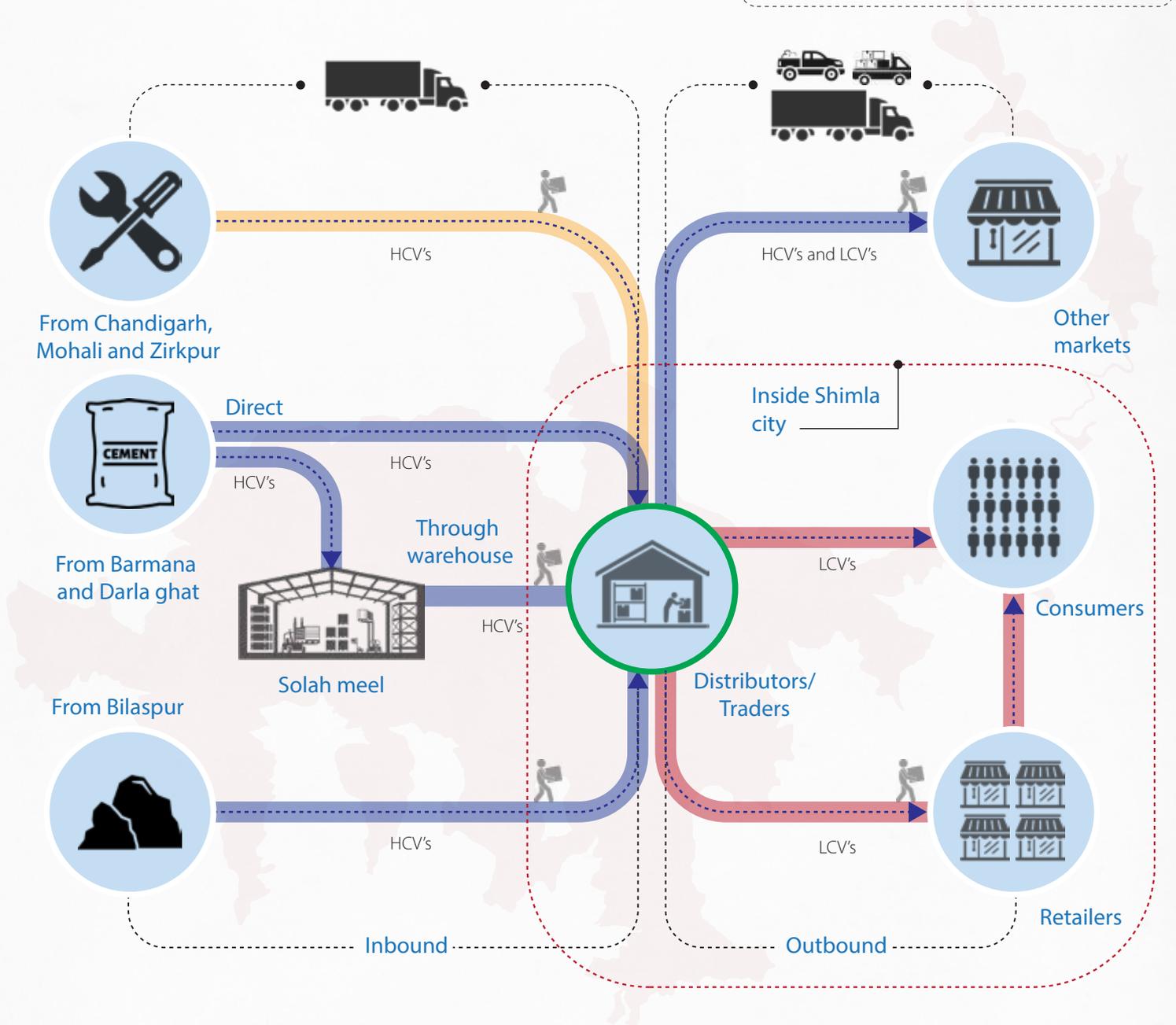
Building materials are delivered to distributors and traders in Shimla. From distributors and traders the goods are then delivered to city based retailers and nearby town markets



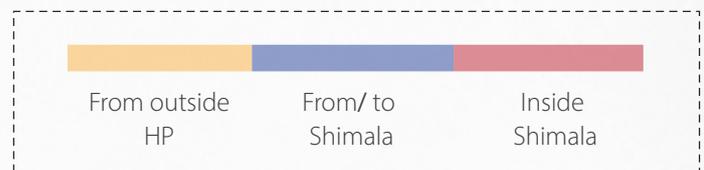
Hardware comes from Chandigarh and Mohali. Cement comes from Barmana and Darla Ghat. Sand and stone comes from Bilaspur.



Building materials delivered to nearby markets from distributors and traders in Shimla



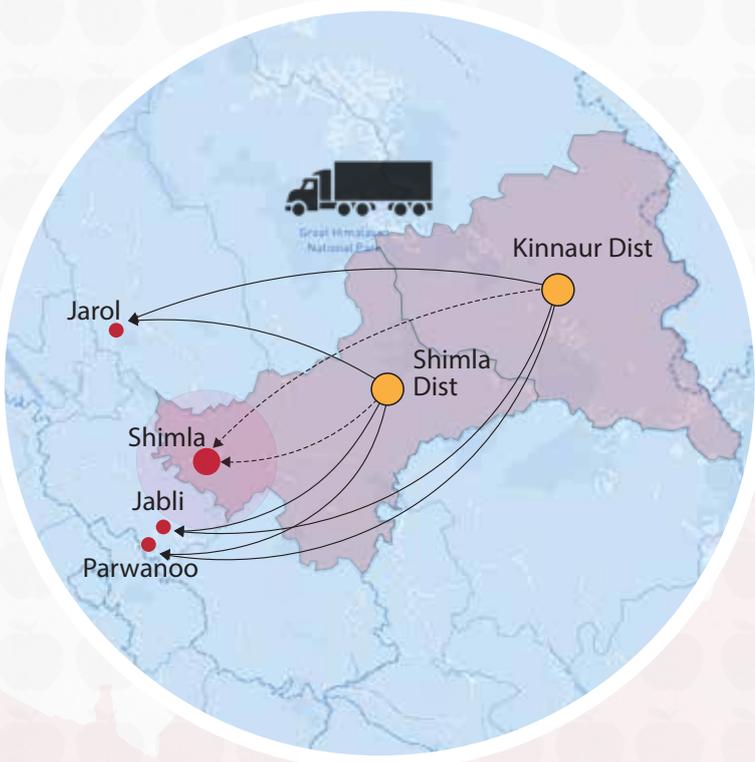
Shimla receives building material from towns and cities of Himachal Pradesh and Punjab. The goods are delivered to the distributors and traders based in Shimla. From distributors and traders they are delivered to retailers in Shimla and to the nearby town markets such as Shogi, Tatapani, Theog etc.



**P** Primary Linkage      **S** Secondary Linkage

HCVs- Heavy Commercial Vehicles, MCVs - Medium Commercial Vehicles, LCVs- Light Commercial vehicles.

## FRUITS (APPLES)



APPLES TRANSPORTED TO SHIMLA ARE DELIVERED TO THE SHIMLA AGRICULTURE PRODUCE MARKETING COMMITTEE (APMC) (FRUIT) MARKETYARD, PRIVATE STORAGE AREAS IN BHATTAKUFAR, HIMACHAL PRADESH HORTICULTURAL PRODUCE MARKETING AND PROCESSING CORPORATION LTD (HPMC). HPMC PROCESSING UNITS LOCATED IN JAROL, JABLI AND PARWANOO AND SOME PRIVATE PROCESSING UNITS

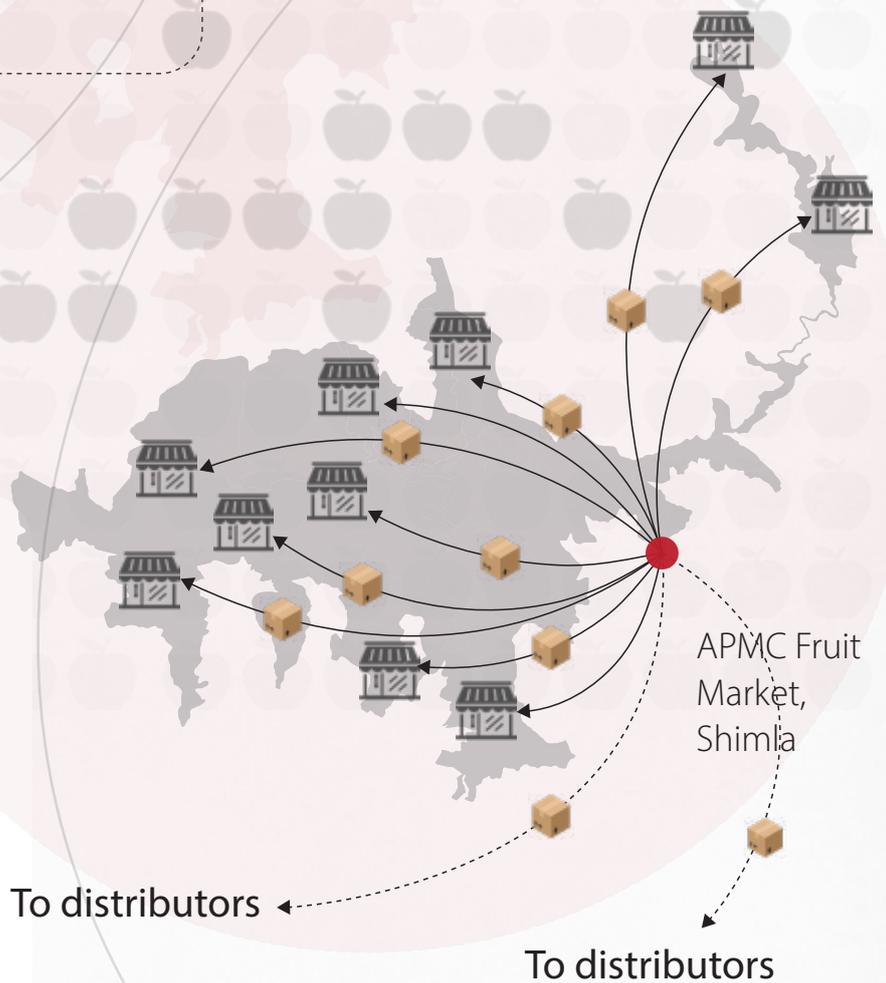
SHIMLA APMC ACTS AS A TRADE CENTRE FOR THE APPLES PRODUCED IN SHIMLA DISTRICT AND KANNUR DISTRICT



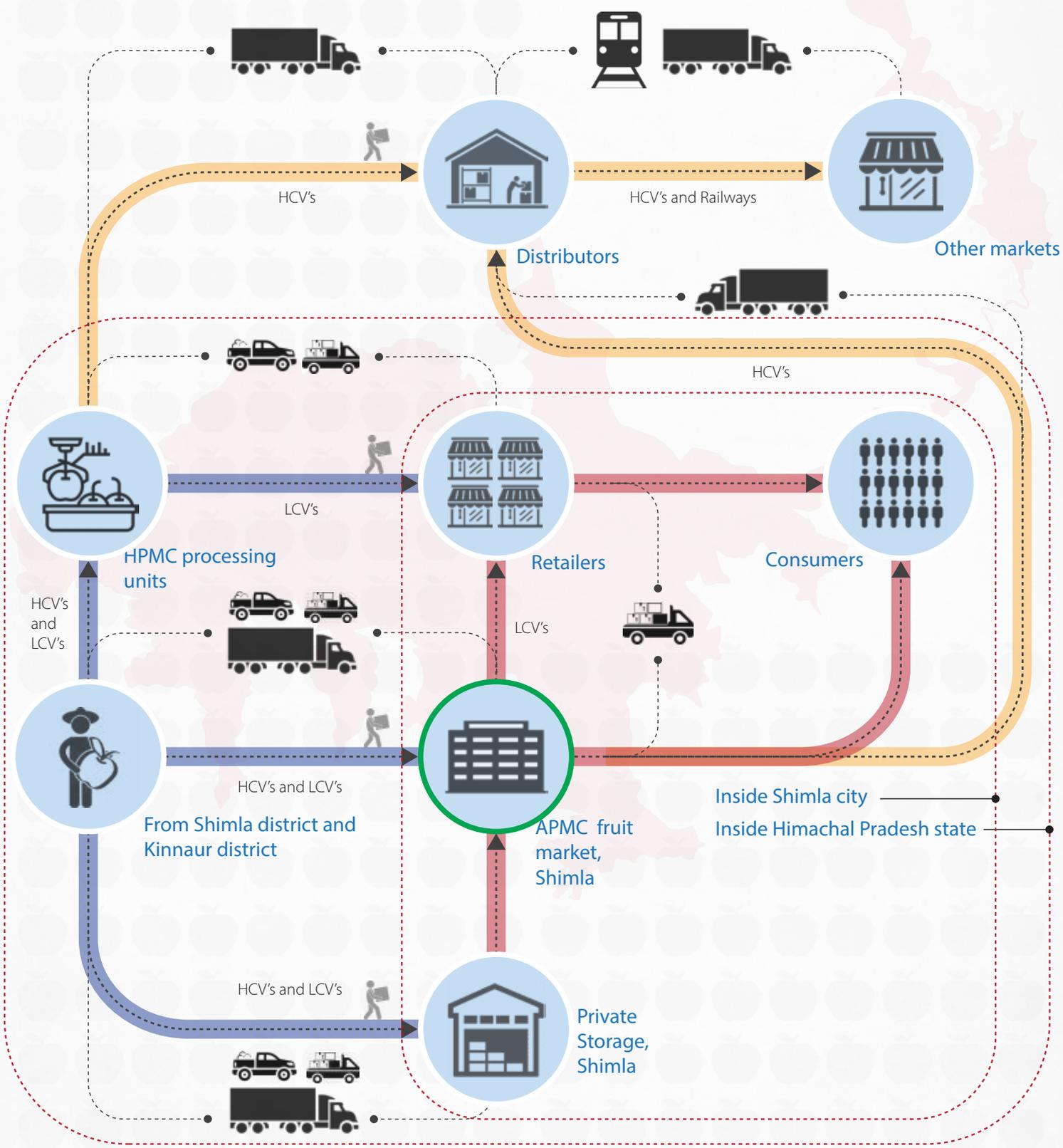
APPLES ACCOUNT FOR

# 95%

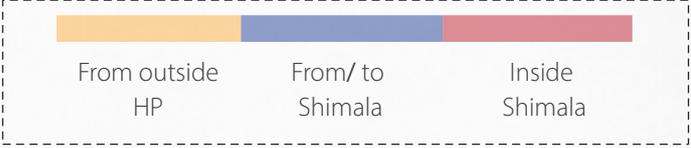
OF THE FRUITS HANDLED IN THE SHIMLA FRUIT MARKET



Apples are delivered to retailers in Shimla and distributors across the country from APMC fruit market, Shimla



Shimla receives apples from Shimla district and Kinnaur district of Himachal Pradesh. Apples constitute more than 95% of the total fruits. Apples come to the APMC fruit market and also to private storage areas in Shimla due to storage limitations at the market. Later, these are again delivered to the APMC fruit market.



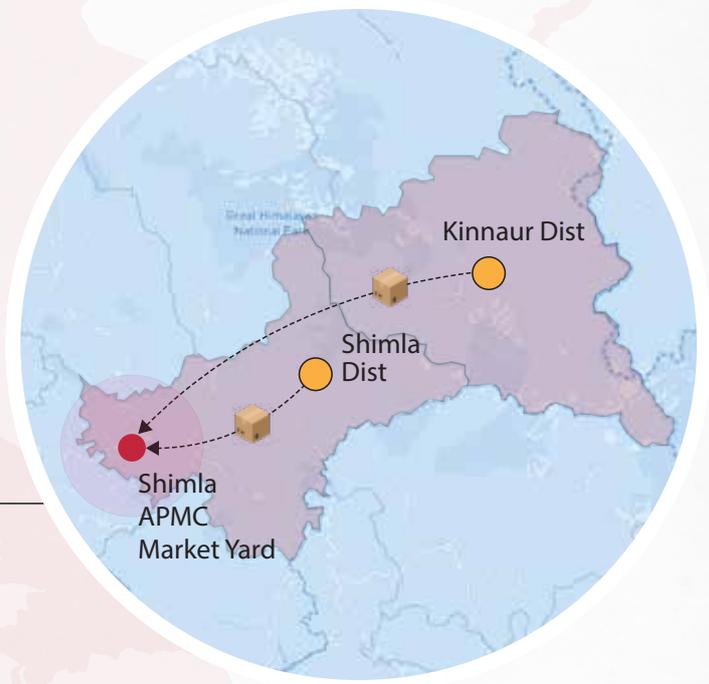
HCVs- Heavy Commercial Vehicles, MCVs - Medium Commercial Vehicles, LCVs- Light Commercial vehicles.

## VEGETABLES

MAJORITY OF VEGETABLES DELIVERED TO SHIMLA SABJI MANDI ARE TRANSPORTED FROM ADJECENT STATES OF HIMACHAL PRADESH

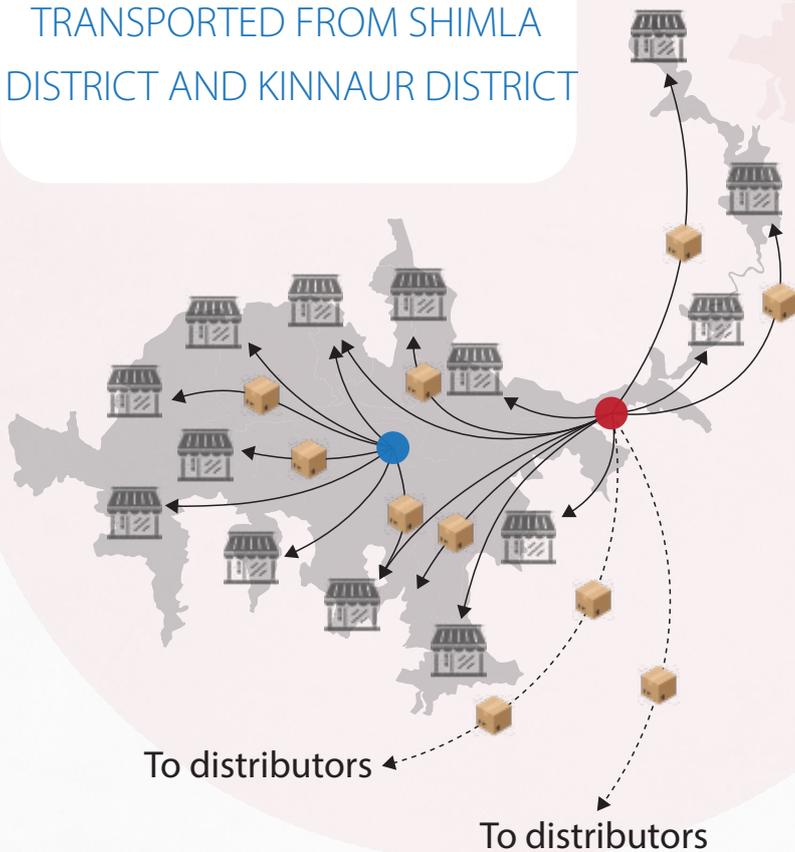


Vegetables coming from various parts of Himachal Pradesh and its adjacent states to Shimla Sabji Mandi (Core City area)



Vegetables coming from Shimla and Kinnaur district to Shimla APMC Market Yard (Dhalli)

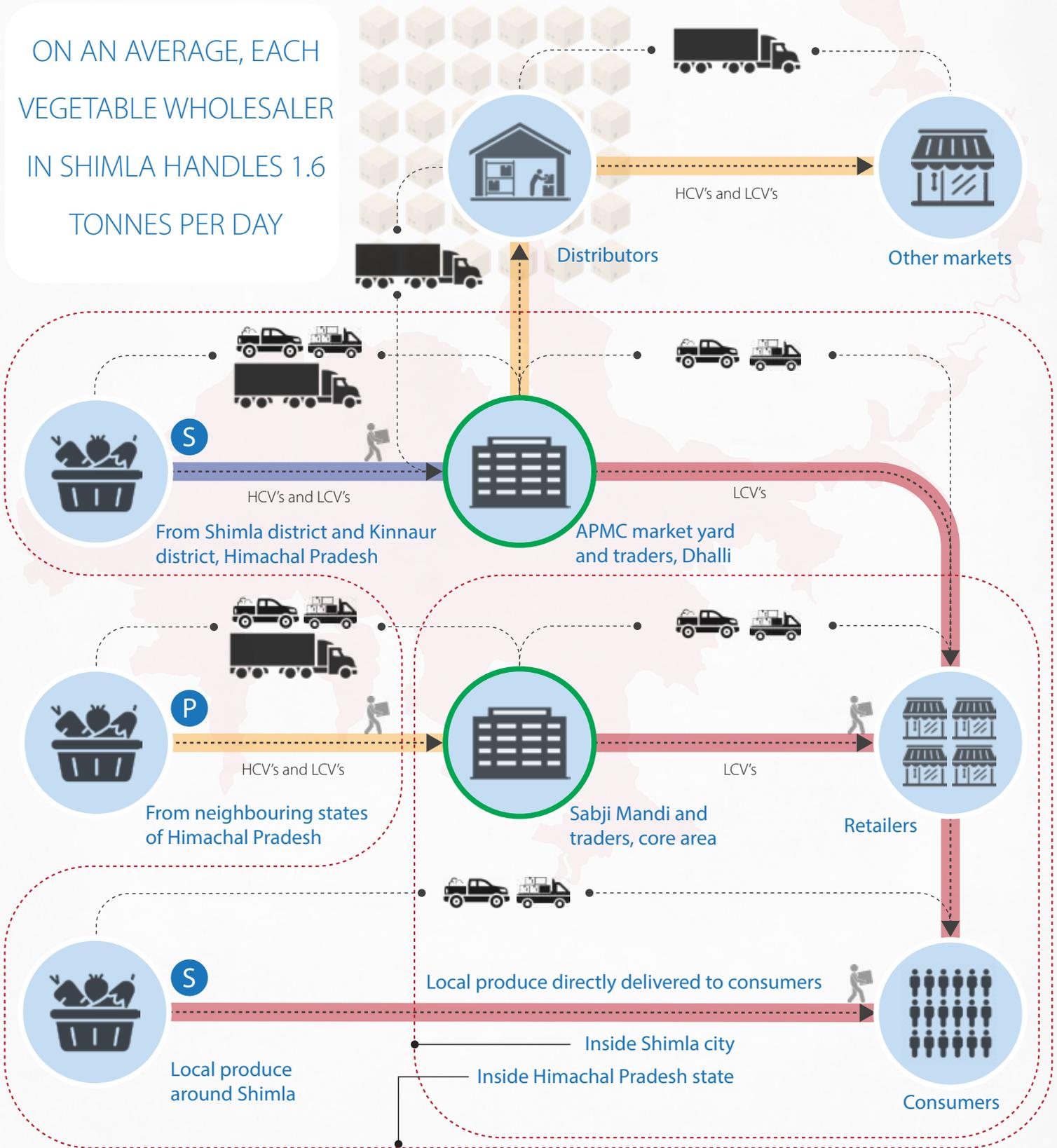
VEGETABLES DELIVERED TO SHIMLA APMC MARKET YARD IS TRANSPORTED FROM SHIMLA DISTRICT AND KINNAUR DISTRICT



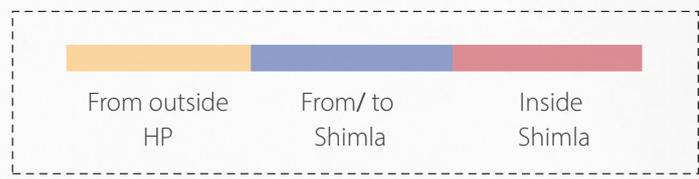
VEGETABLES FROM SHIMLA SABJI MANDI ARE DISTRIBUTED TO THE RETAILERS. APMC MARKET DELIVERES VEGETABLES TO DISTRIBUTORS OUTSIDE THE STATE

- APMC Market Yard (Shimla)
- Sabji Mandi (Shimla)

ON AN AVERAGE, EACH VEGETABLE WHOLESALER IN SHIMLA HANDLES 1.6 TONNES PER DAY



Vegetables consumed in Shimla are sourced from Himachal Pradesh and neighbouring districts and states. Local producers distribute their produce in the city, directly to the consumers. Dhalli APMC receives vegetable produce from Shimla district and Kinnaur districts. Smaller producers use public transport vehicles for goods delivery in Market Yard.

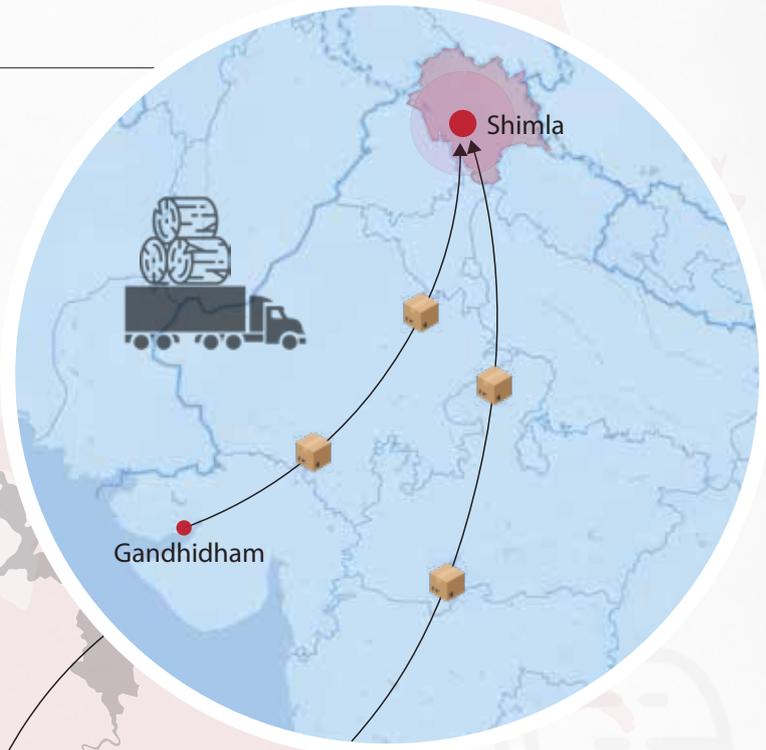


**P** Primary Linkage    **S** Secondary Linkage

HCV's- Heavy Commercial Vehicles, MCVs - Medium Commercial Vehicles, LCV's- Light Commercial vehicles.

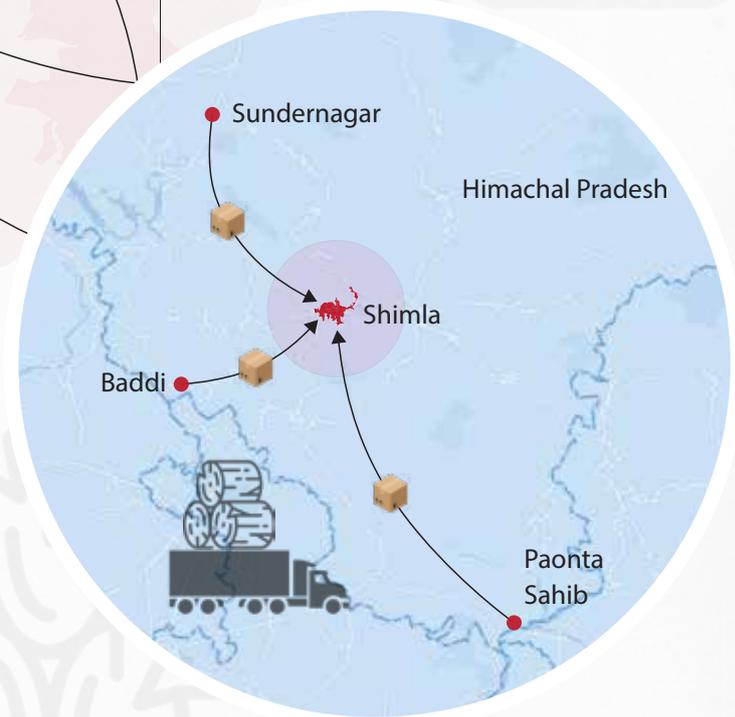
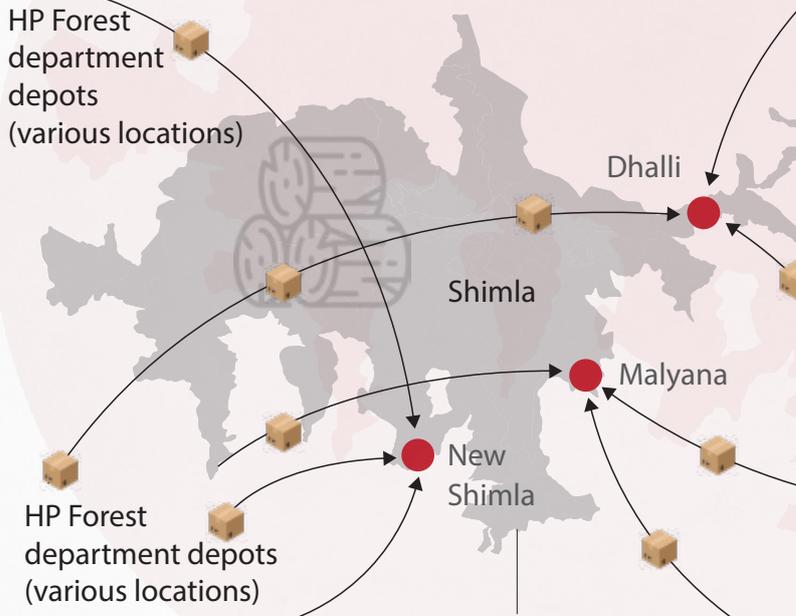
### TIMBER FROM OTHER STATES

IMPORTED TIMBER COMES FROM PRIVATE SUPPLIERS BASED IN GANDHIDHAM IN GUJARAT AND OTHER PARTS OF WESTERN INDIA



Imported timber comes from various parts of Western India

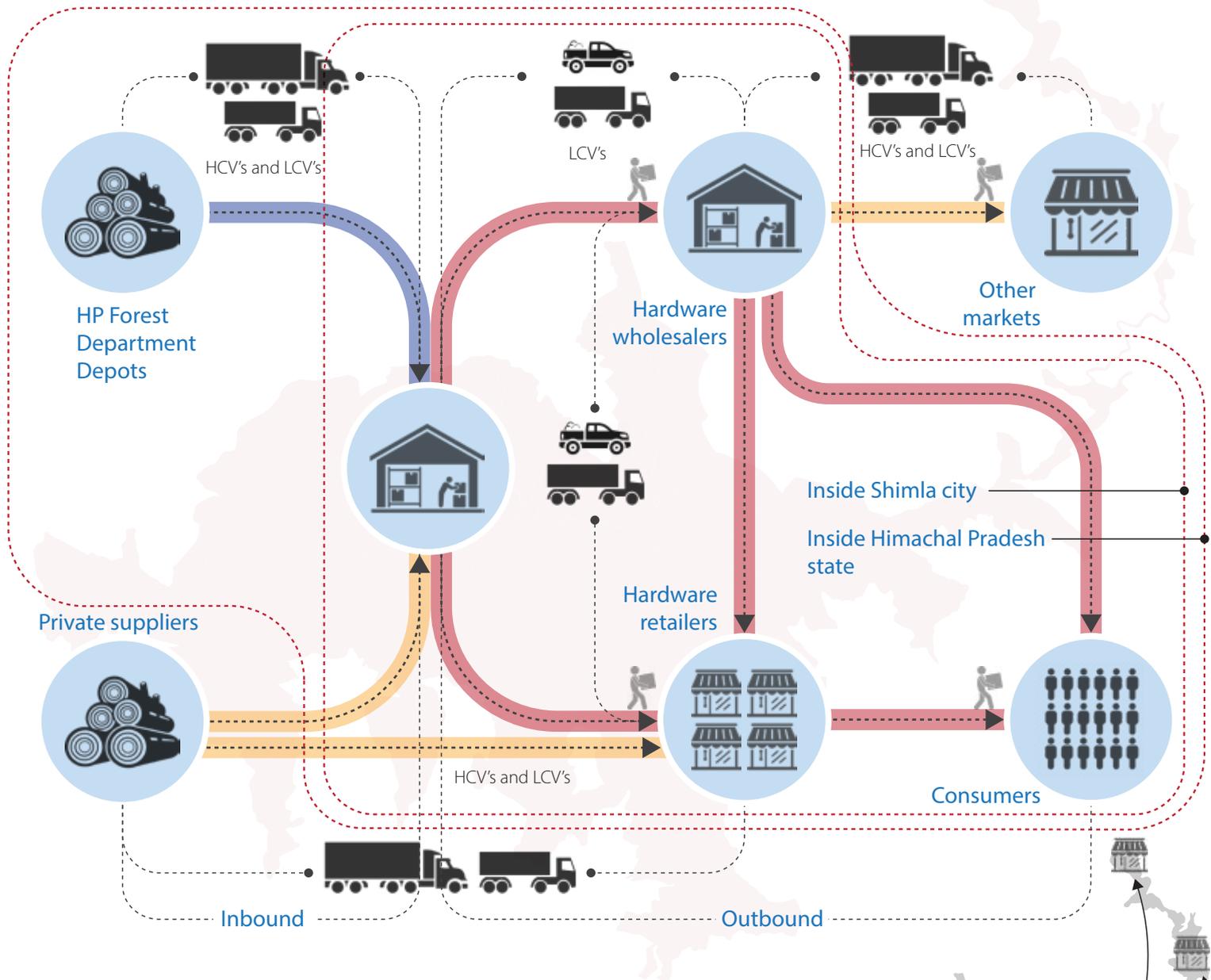
### STATE HARVESTED TIMBER



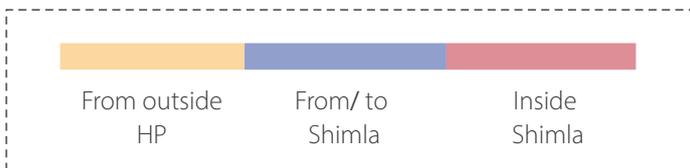
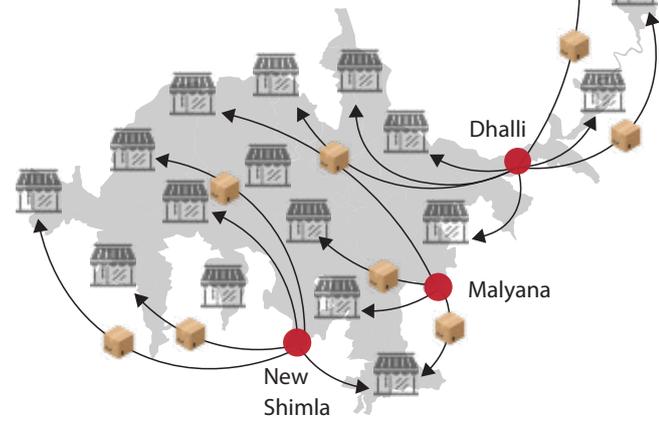
Timber harvested within the state is delivered to Shimla from the state forest department depots - Baddi, Paonta Sahib, and Sundernagar

TIMBER COMING FROM PVT SUPPLIERS AND HIMACHAL PRADESH FOREST DEPARTMENT DEPOTS (DIFFERENT LOCATIONS) GETS DELIVERED TO WHOLESALEERS AND DISTRIBUTORS BASED IN NEW SHIMLA, MALYANA AND DHALLI

## TIMBER



FROM DISTRIBUTORS AND WHOLSALERS, TIMBER GETS DELIVERED TO THE HARDWARE WHOLSALERS AND RETAILERS IN SHIMLA



**P** Primary Linkage      **S** Secondary Linkage

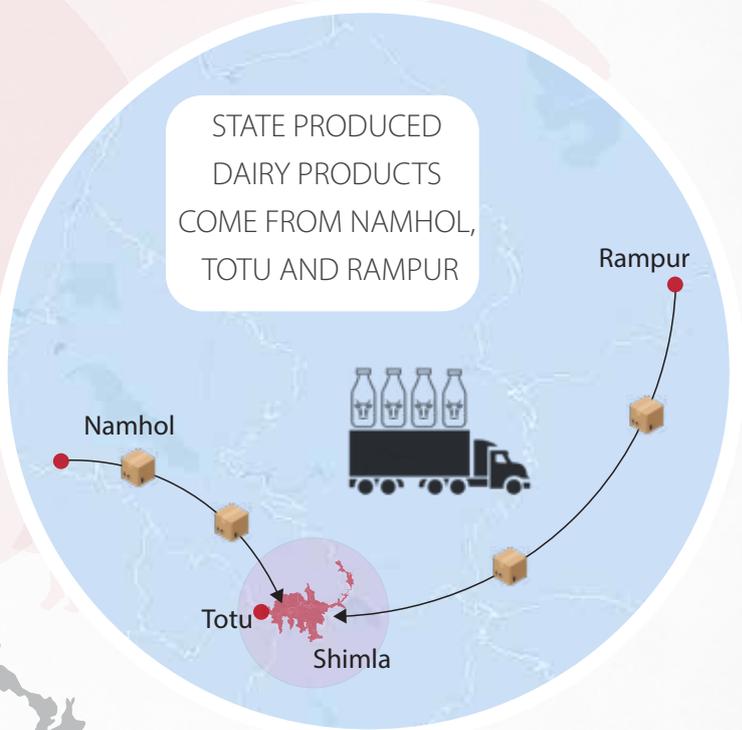
HCVs- Heavy Commercial Vehicles, MCVs - Medium Commercial Vehicles, LCVs- Light Commercial vehicles.

## DAIRY PRODUCTS

MAJORITY OF DAIRY PRODUCTS CONSUMED IN SHIMLA COMES ARE DELIVERED BY PRIVATE SUPPLIERS LOCATED IN PUNJAB AND HARYANA



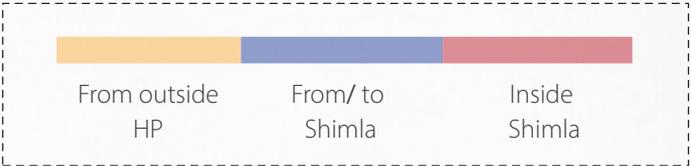
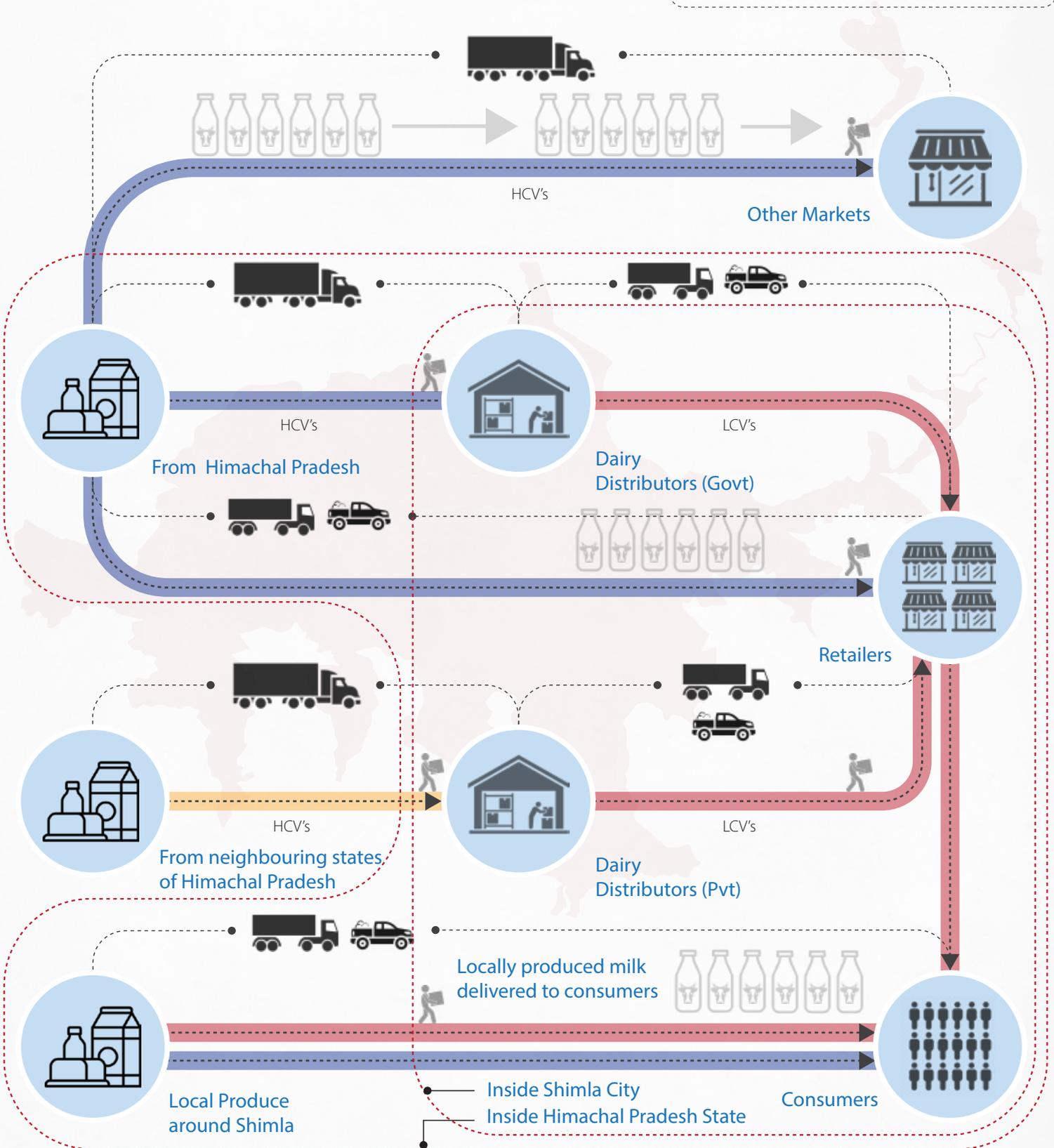
DAIRY PRODUCTS PRODUCED IN THE STATE ARE DELIVERED TO THE GOVERNMENT DISTRIBUTORS WHILE PRODUCTS TRANSPORTED FROM OTHER STATES ARE DELIVERED TO PRIVATE DISTRIBUTORS



BOTH PRIVATE AND GOVERNMENT SUPPLIERS ARE LOCATED IN KACHI GHATI AND DHALLI. FROM DISTRIBUTORS DAIRY PRODUCTS ARE DELIVERED TO RETAILERS



## DAIRY PRODUCTS



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HCVs- Heavy Commercial Vehicles, MCVs - Medium Commercial Vehicles, LCVs- Light Commercial vehicles.



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