

12:15 – 13:30

Lunch break

13:30 – 15:00

Session 2: Transport professions

Moderator: **Mr. Julien Allaire**, CODATU Executive Director.

Implementation of an integrated multi-modal transport system implies a modification inside each system. Some tasks, similar in different transport modes in terms of marketing, branding, training, finance, maintenance etc., can be pooled together under the scope of the integrated network system. The professions related to these transversal tasks or functions need to be identified and mutualised to better operate the integrated network.

Round Table

Speakers and subjects of discussion:

- **Operators:** internal mechanics of the operation system, what is their possible contribution to the operation of an integrated network.
- **Kudumbasree:** role of women in the integrated network (towards an integrated urban project including social components as in the case of Medellin, Colombia).
- **Lyon expert:** Lyon experience.
- **Mr. Emmanuel Kuhn**, Keolis: example of Hyderabad.

15:00 – 15:45

Session 3 : Pre-operation procedures

Presentation by **Mr. Emmanuel Kuhn**, Keolis representative.

The metro opening is fast approaching: what are the pre-operation procedures to plan in order to ensure the success of the Metro at its opening?

Preparation of all commissioning procedures, testing procedures, non-commercial testing operation procedures (trial run).

16:00 – 16:30

Final Wrap Up

Moderators: **Ms. Marion Hoyez**, CODATU Cooperation Project Manager, and **Ms. Laura Cornelis**, CODATU.

Exposition of the main findings of the two-day workshop, preceded by a 15min tea break.

16:30

End of CODATU Workshop #2

Venue:

Kochi Metro Rail Ltd.
8th floor, Revenue Tower,
Park Avenue,
Kochi - 682 011, Kerala.



CODATU WORKSHOP #2

Setting up a Core Pilot Network



Programme
July, 20th - 21st

This second CODATU will focus on setting up a Core Pilot Network, well-meshed with the upcoming metro system. The objective of this workshop will be to identify the challenges Kochi will have to face to set up such a network, in the light of the experience of SYTRAL and KEOLIS in that field. Ultimately, we shall identify main bus lines, boat lines and feeder lines which might be the structure of our core network. This network should be the basis for the development of a wider network.

With the cooperation of:

Keolis

Monday, 20th of July

10:00 – 10:45

Introduction to the Workshop

Welcome of the participants by **Mr. Elias George**, KMRL Managing Director.

Round table: introduction of the participants.

Recap of the partnership agreement, its stakeholders (KMRL / AFD / CODATU / SYTRAL), the previous activities and their outputs by **Ms. Marion Hoyez**, CODATU Cooperation Project Manager.

Launch of the 2nd CODATU Workshop by **Mr. Julien Allaire**, CODATU Executive Director and **Mr. Etienne Lhomet**, CODATU Expert.

10:45 – 12:15

Session 1: Integration matters, the challenges of building an integrated network

A public transport system where metro, buses, boats, (etc.) work as one network is challenging many cities around the world. The implementation of such integrated multi-modal transport system is one of the greatest ambitions of KMRL.

From the user experience to the management of such integrated systems, multiple solutions can be adapted to the existing and future transportation network. Case study of Lyon and Rabat are good examples to inspire Kochi.

Each presentation will be followed by a discussion time of approximately 10 min.

10:45 – 11:15

Comparative analysis of Lyon and Kochi networks by **Ms. Marion Hoyez**, CODATU Cooperation Project Manager.

11:15 – 11:45

Presentation of the integrated network of Lyon by **An expert from Lyon, to be confirmed**.

11:45 – 12:15

Case study of the construction of an integrated network in Rabat (Morocco) by **Mr. Etienne Lhomet**, CODATU Expert.

12:15 – 13:30

Lunch break

13:30 – 15:00

Session 2: Morphology of Kochi integrated network with feeder lines

Moderator: **Mr. Julien Allaire**, CODATU Executive Director.

How to link the metro network with distant places? What are the different options to feed the metro network (Boats, Buses, Intermediate Public Transport)? What would be the steps towards the opening of an integrated network? Many interrogations remain around the shape of Kochi integrated network. During this session, small working groups will feed the reflexion on the subject.

Beyond the geography, the objective of this session is to get a clear idea of the implications of creating an integrated network: time frame, steps to be followed, stakeholders to be involved...

Working groups: formation of 4 to 5 groups to brainstorm about the following:

Working groups: formation of 4 to 5 groups to brainstorm about the following:

- Identification of 4 major feeder lines to ensure the success of the metro;
- Implications in terms of negotiations with the existing private operators.

15:00 – 16:30

Session 3: Morphology of Kochi integrated network with a BRT system

Moderators: **Ms. Marion Hoyez**, CODATU Cooperation Project Manager, and **Mr. Etienne Lhomet**, CODATU Expert.

Bus Rapid Transit or BRT systems are developed in many places across the world. India includes multiple examples of such transport system: Delhi, Jaipur, Ahmedabad, Pune... and many others cities are studying the implementation of a BRT system.

Based on the failures and successes of BRT systems in India and on international case studies, the session aims at feeding the reflexions on the possibility of integrating BRT lines with Kochi Metro.

Small working groups will try to identify the possible corridors, and think about the consequences on the integrated network.

Working groups: formation of 4 to 5 groups to brainstorm about the following:

- Identification of public transport corridors, consistent with the upcoming water transport lines and metro lines.
- What would a BRT network look like in Kochi? What really matters? Customer experience? Rapidity of service? Good commercial speed? Passenger information? Station arrangement?

16:30

End of Session

Tuesday, 21st of July

10:00 – 10:15

Recap of Day 1 presentations and main findings.

Moderators: **Ms. Marion Hoyez**, CODATU Cooperation Project Manager, and **Ms. Laura Cornelis**, CODATU.

10:15 – 12:15

Session 1: Beyond the fare integration, convenience for the users

Moderator: **Mr. Etienne Lhomet**, CODATU Expert.

While commuting across their city, many citizens have to use two or three different transport modes. In order to make their transport experience as comfortable as possible, the understanding of the future integrated network must be easy and accessible to everyone (children, tourists, non-literate ...).

The feel of a unique network goes through the use a unique ticket, but not only that. What really matters from the user point of view?

Round Table

Speakers and subjects of discussion:

- **Mr. GP Hari**: Review of the fare integration in KMRL.
- **Mr. Julien Allaire**: Fare integration as a social tool.
- **Tata Elxsi**: Review of their work on customer experience.
- **Lyon expert**: Lyon experience.