Non-Terrestrial
Networks

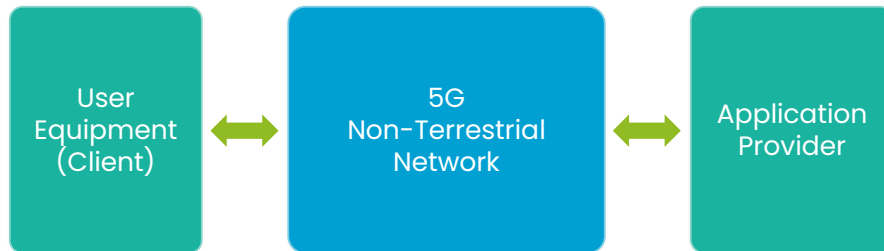**Member's work in more detail…**

Non-Terrestrial Networks
Overview of the work, outcomes, Execution Plan and Technical Resources

What is this project about?

Use of emerging **satellite connectivity platforms** to access media applications.

- **Global Media Delivery**: NTNs are well-suited for broadcasting and multicasting content to a large, geographically dispersed audience

- **Media Streaming in Remote Locations**: LEO constellations can provide the necessary bandwidth and low latency to support mobile broadband services for users on planes, ships, or in remote areas. This enables seamless video calls and streaming

- **Backhaul for Media Services**: NTNs can also serve as backhaul, connecting remote "islands" of terrestrial 5G networks to the core network.

User Equipment (Client) ⬌ 5G Non-Terrestrial Network ⬌ Application Provider

WHERE TO LOOK AT?

Check the **Execution Plan**
All the **Technical Resources**
Information on **Standards**
Reference Tools Project

Non-Terrestrial Networks
Overview of the work, outcomes, Execution Plan and Technical Resources

What are the members doing?

Standards

- Documentation on Content Delivery over 5G Non-Terrestrial Networks including NTN Payload and connection types, types of User Equipment for accessing NTNs
- Documentation on requirements for content delivery over NTN and delivery of content via a Mobile Relay Node
- Documentation on service continuity scenarios and handover
- Documentation on MBS over NTN

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