Gram Marg Solution for Rural Broadband

GRAM MARG

Enabling Rural India Digitally

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Meet Our Team

Current Scenario

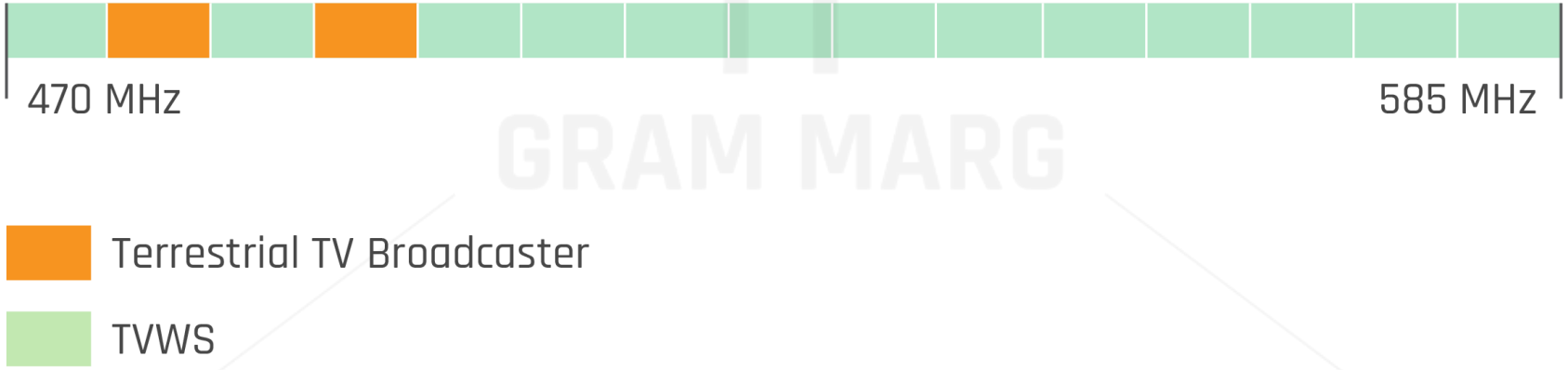
4 billion people unconnected globally

800 million in 640,000 villages unconnected in India

TV White Space as a Solution

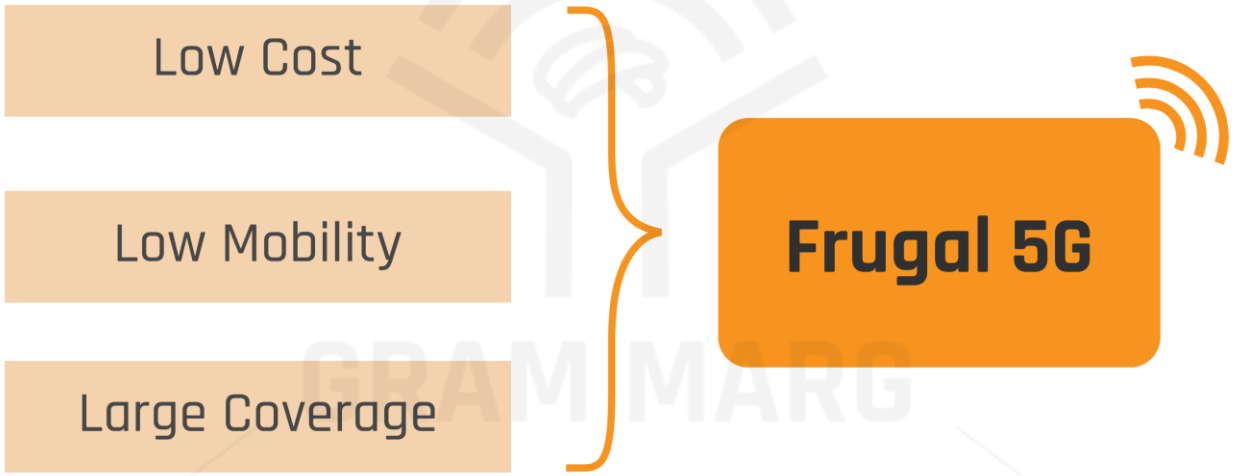
TV White Space is the unutilized part of the spectrum in the TV band

At a time only 8 - 16 MHz is operational, the rest remains unutilized



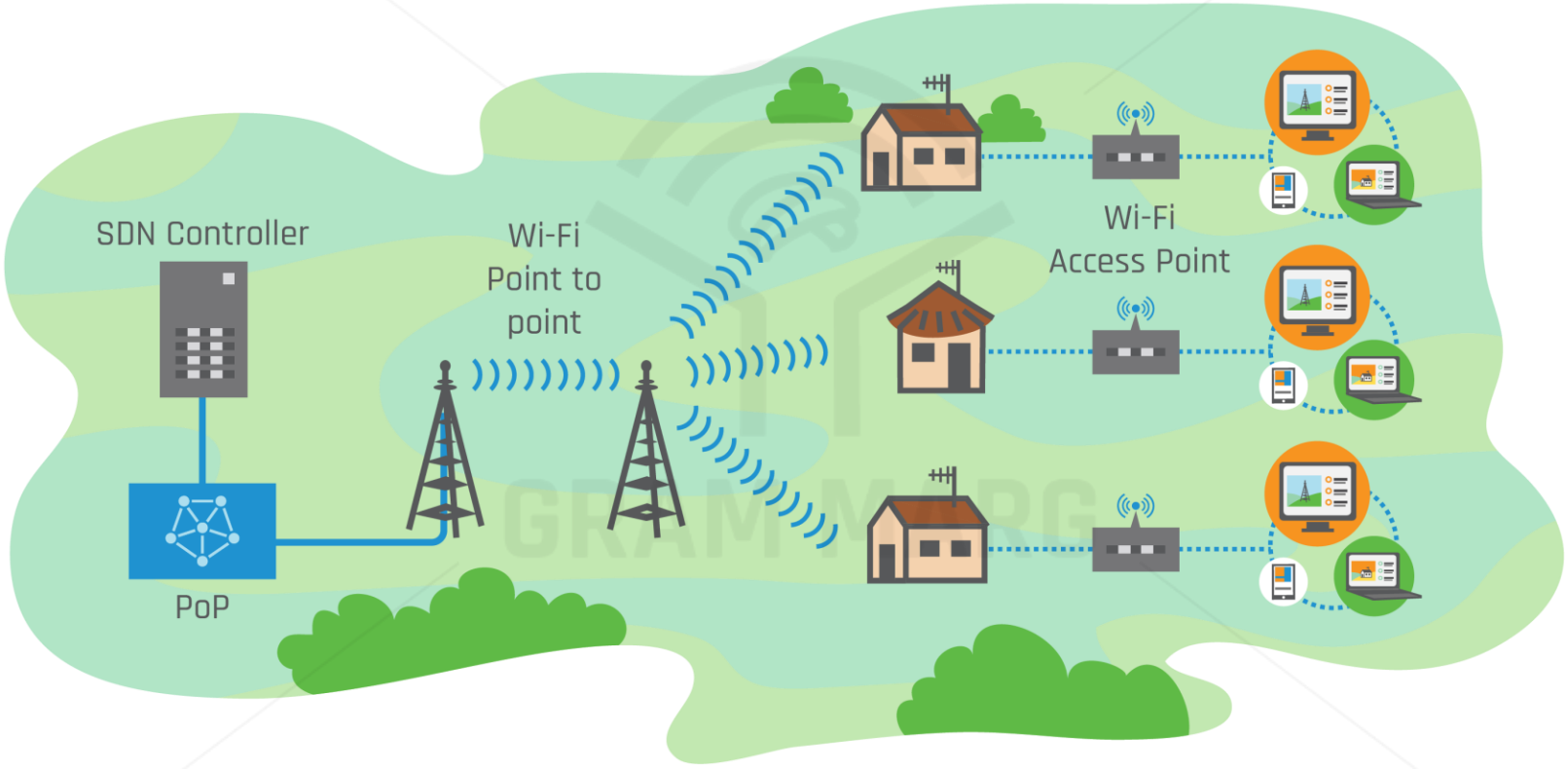
Challenges in Connecting Rural India

Connecting the Unconnected

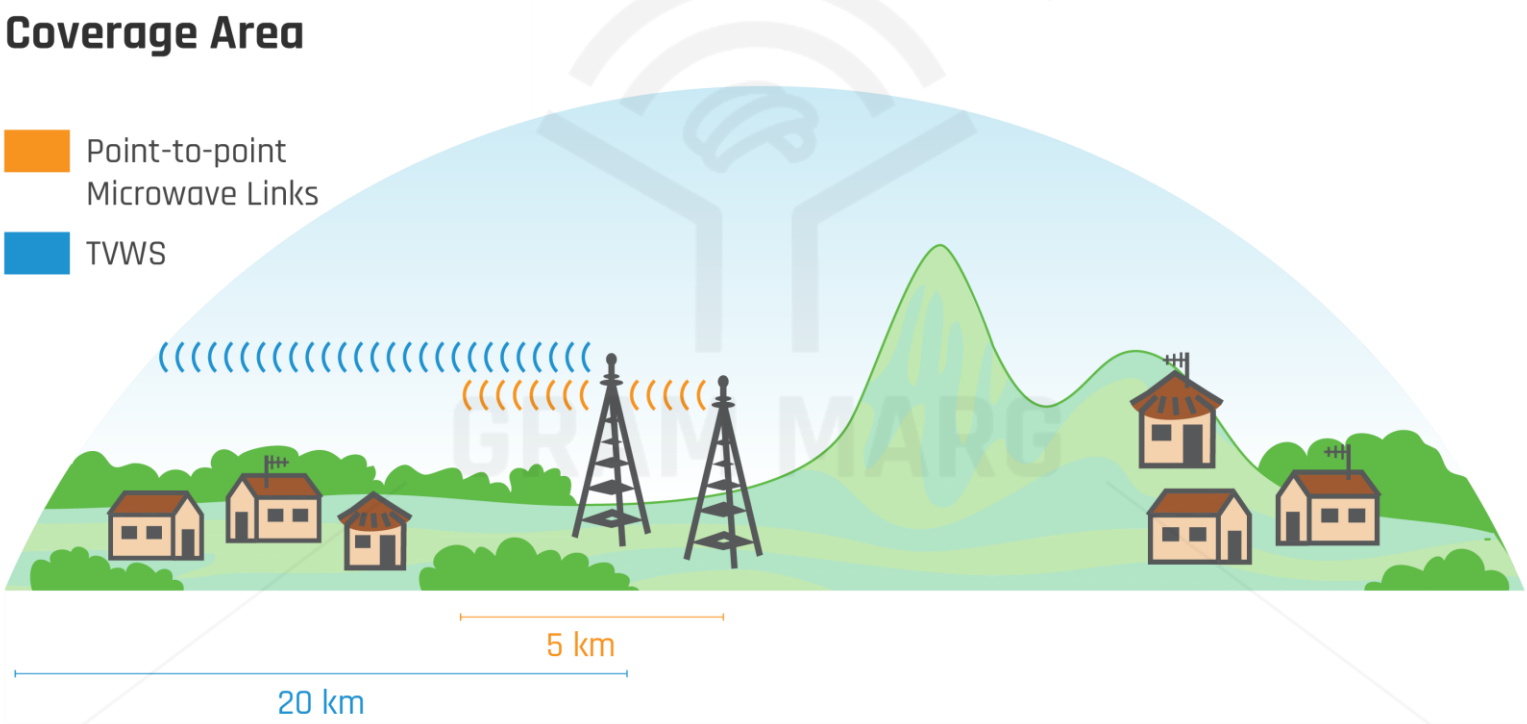


Connecting the Unconnected

Middle Mile Network Architecture



Benefits of TVWS over Microwave Links



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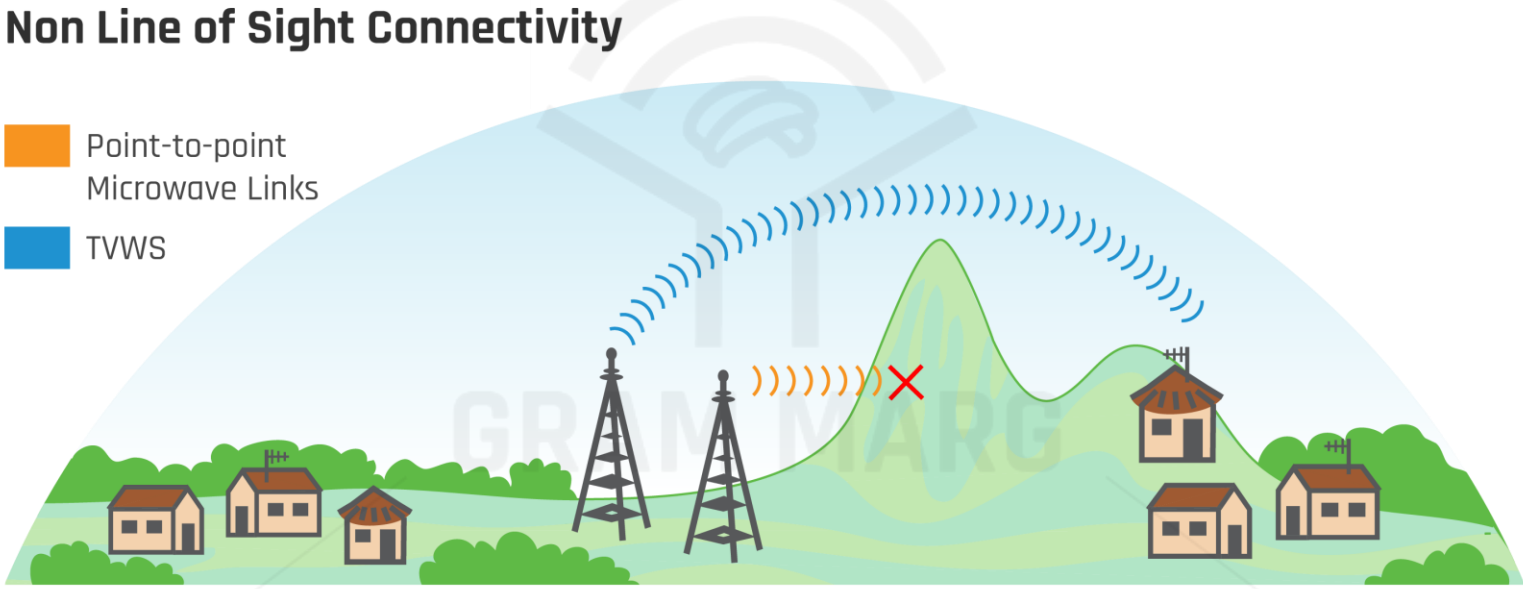
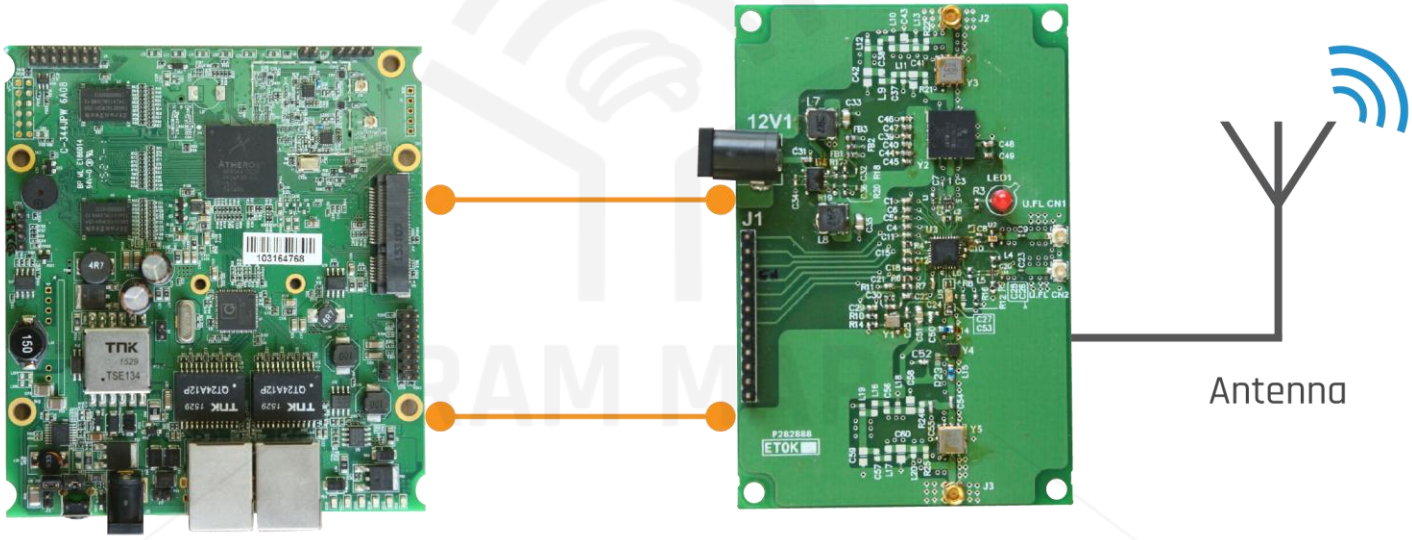


Indigenous Technology Development



Wireless Embedded Board
Commercially Available Off-the-shelf

RF Convertor Board

Indigenous Technology Development

R&D project funded by Tata Trusts

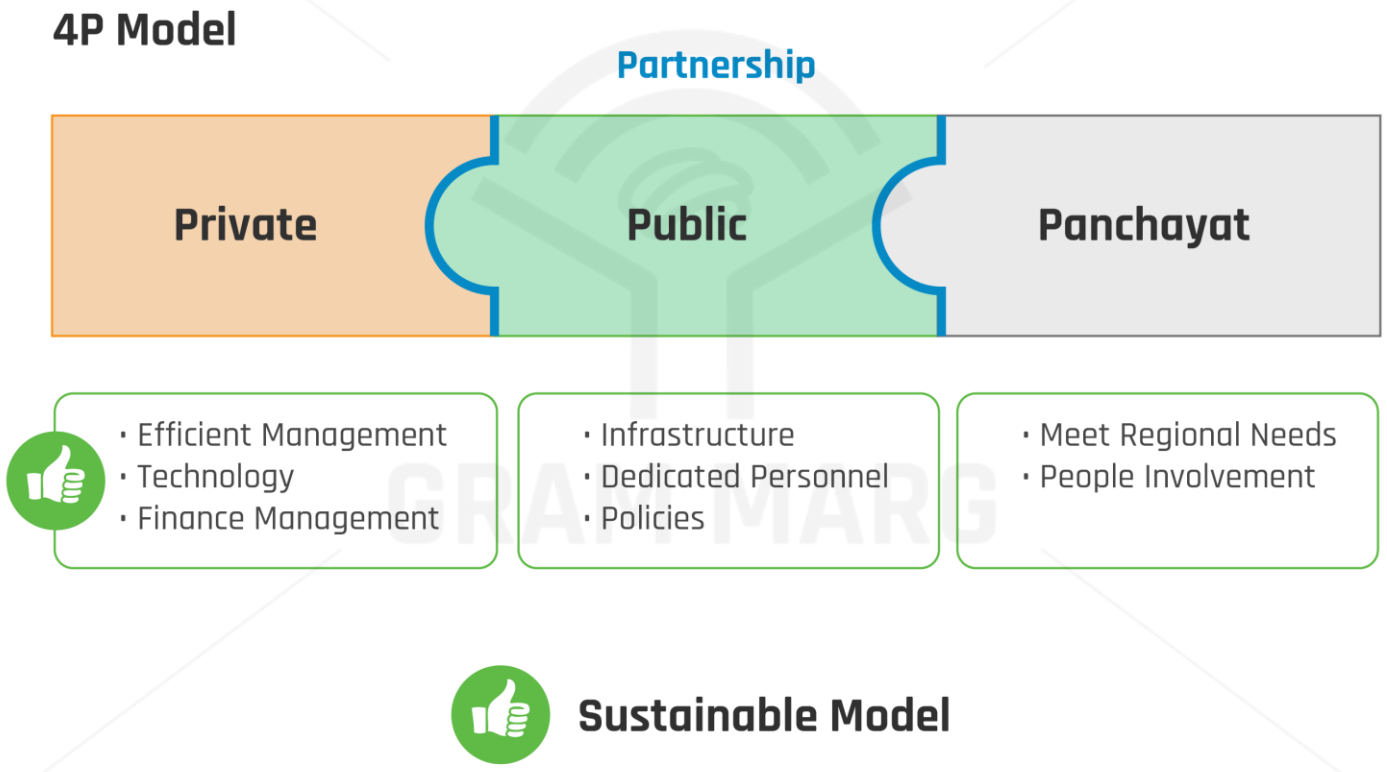
Gram Marg's technology solution and its deployment on field

* Internet Bandwidth was enabled by Tata Teleservices Ltd.

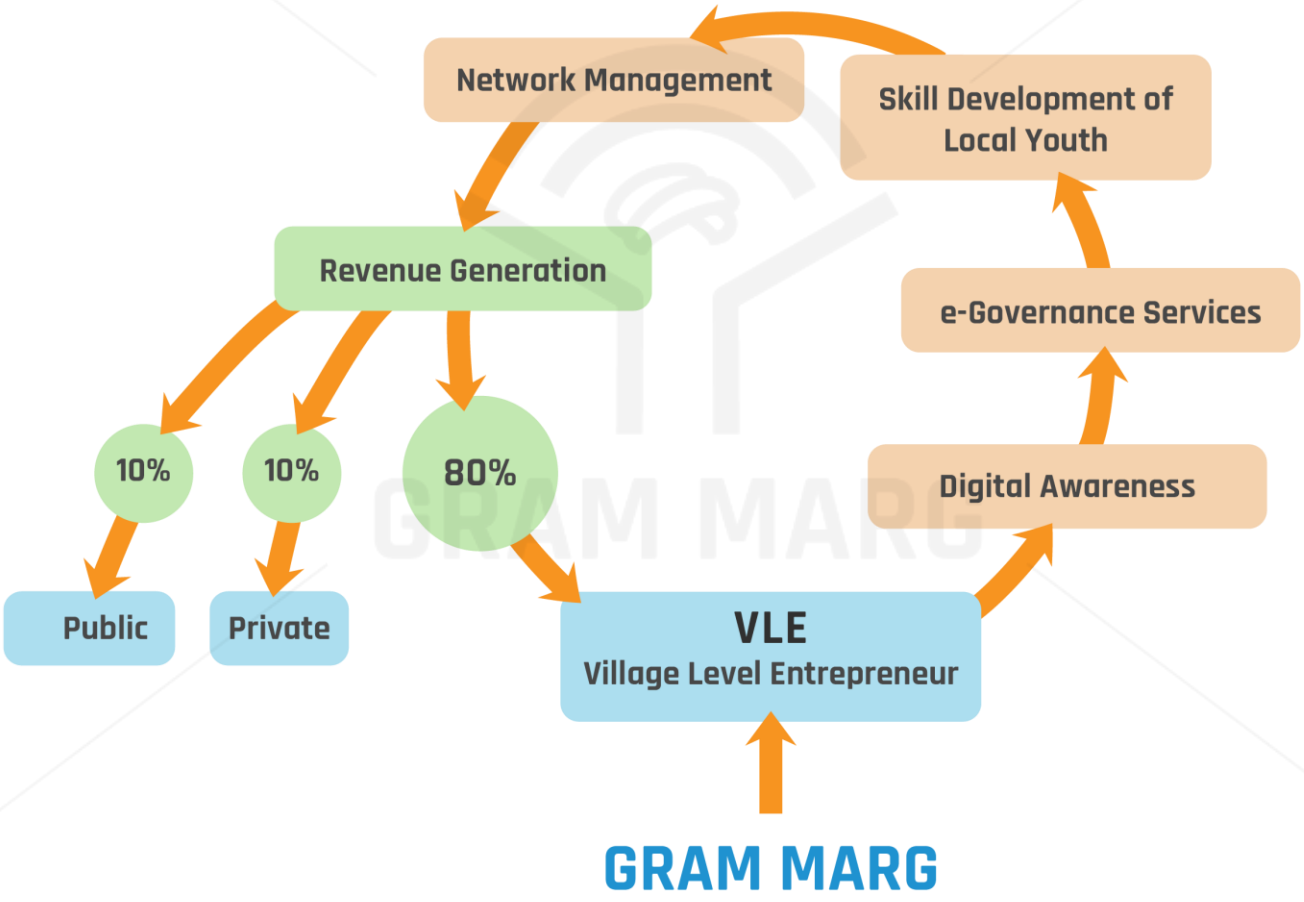
Villagers using Internet

* In collaboration with ground partner PUKAR

Why is Sustainable Model Necessary?



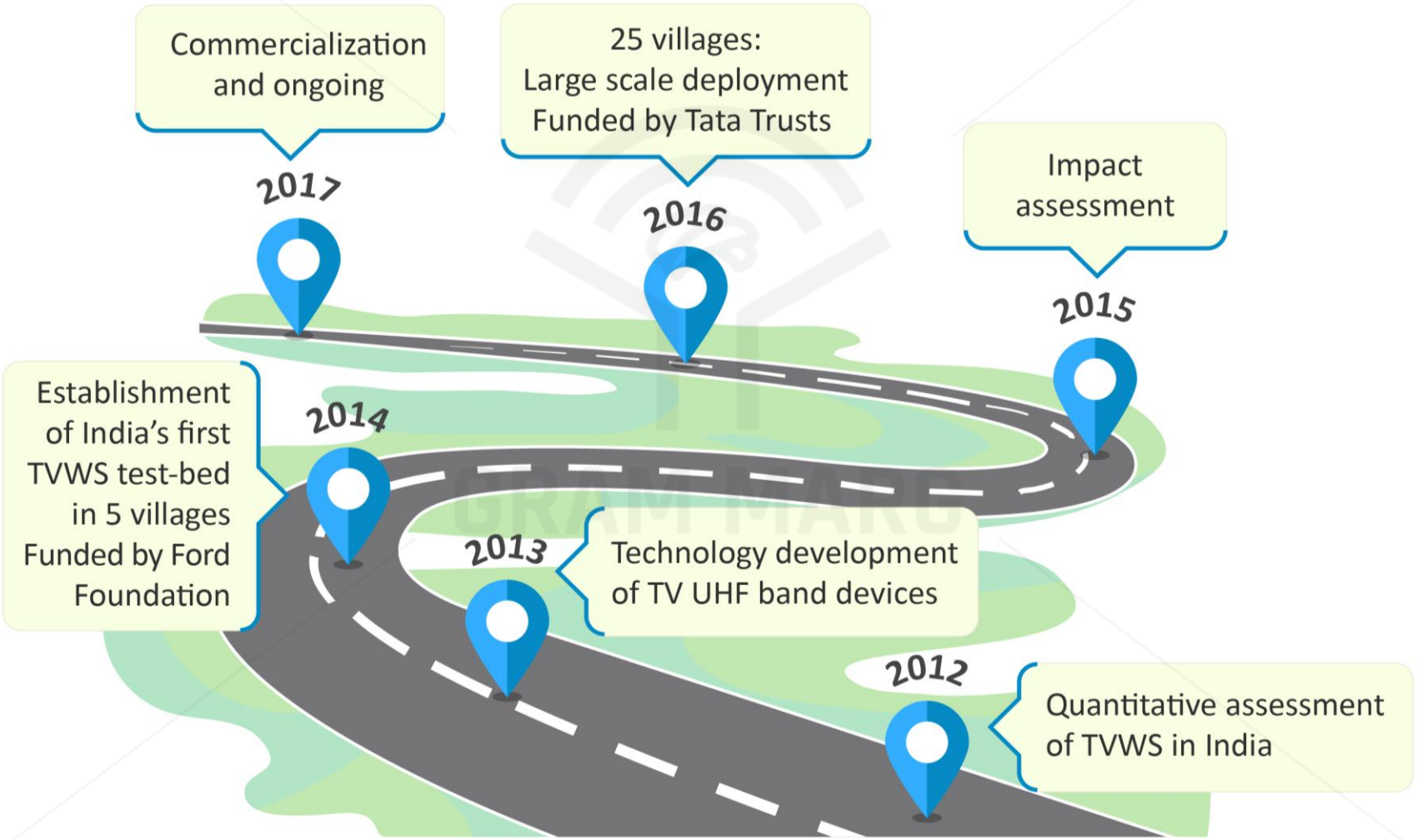
Socio-economic outcomes



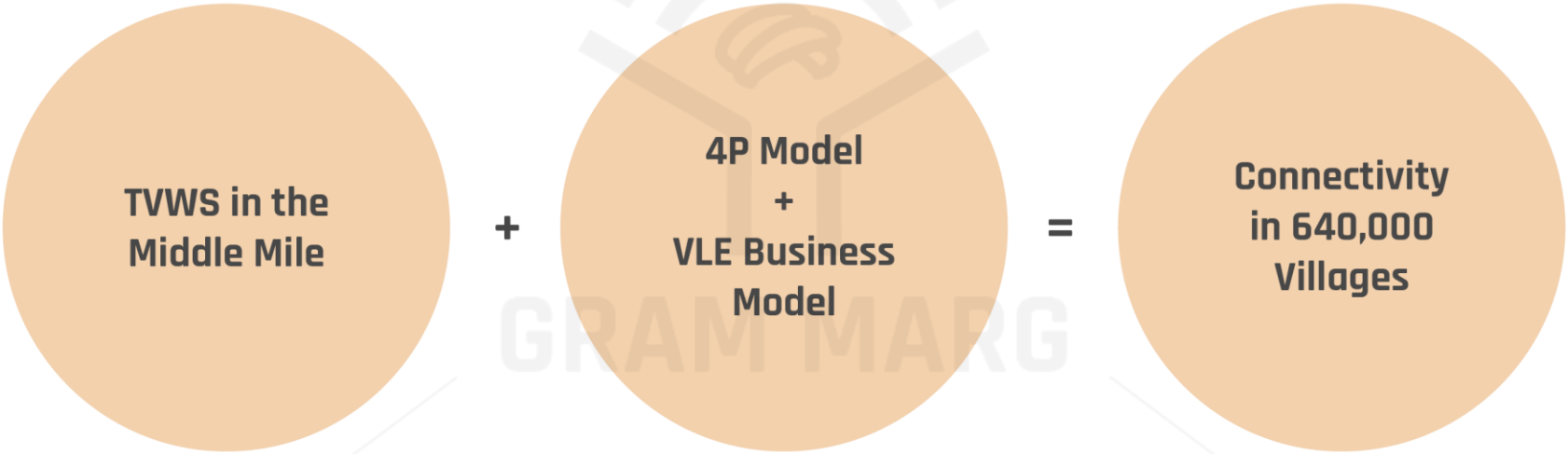
Village Level Entrepreneur at Work

* These services are provided by Common Service Centers, e-Governance Services India Ltd.

Gram Marg's Internet Journey



Summary of Gram Marg Solution for Rural Broadband



Thank You

For more Information visit **www.grammarg.in**