

WELCOME



BIK **BREITBAND** **INITIATIVE** **KÄRNTEN**

LAND  KÄRNTEN

X

HOW CAN SUPPLY-ORIENTED BROADBAND CONNECTIONS SUCCEED? THE BIK-MODEL

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Symposium Community Network „Alliance in the Alps“

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AGENDA

1

INTRODUCTION BIK, INITIAL
SITUATION AND TARGETS,
IMPLEMENTATION

2

PLANNING

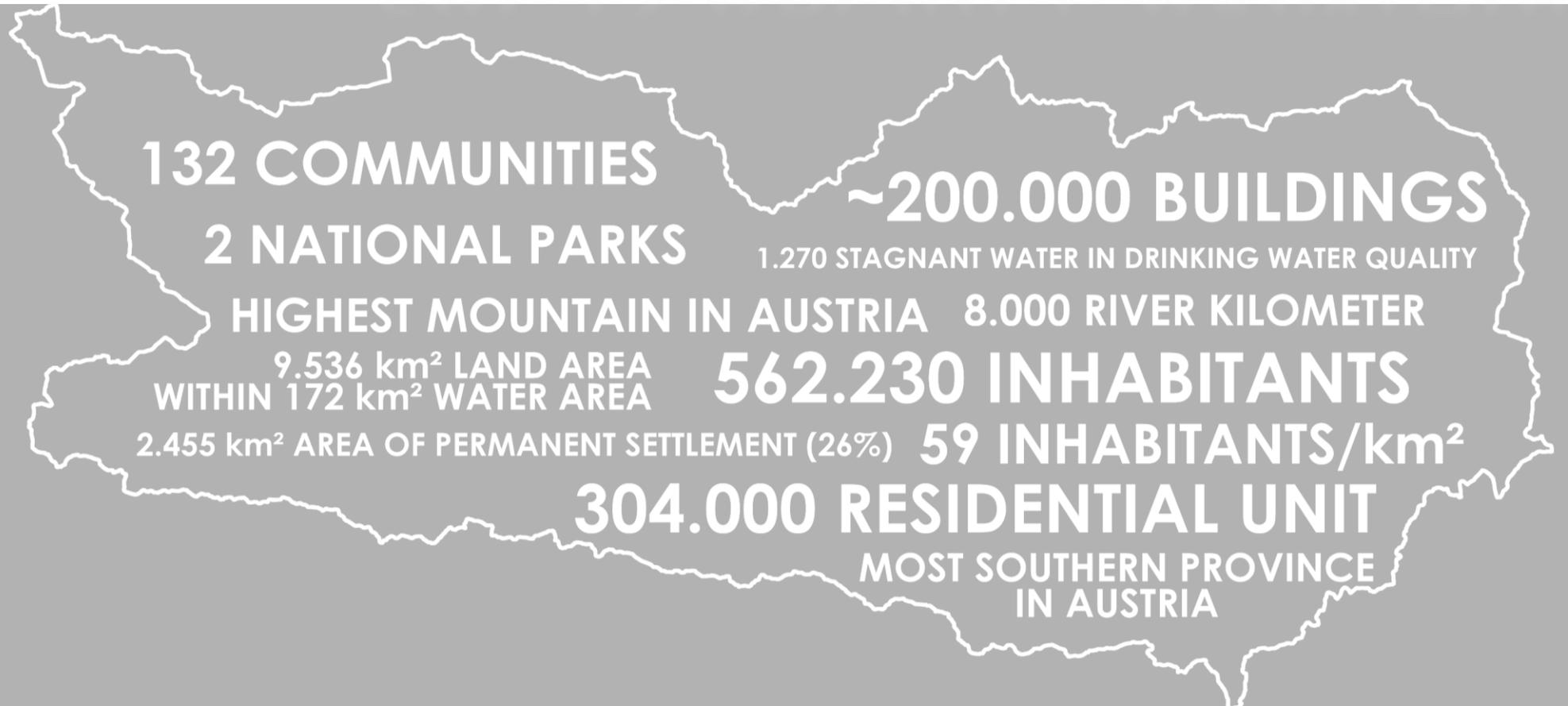
3

PILOT REGION GÖRTSCHITZTAL

4

FURTHER AREAS OF ACTIVITIES

1. FACTS ABOUT CARINTHIA



1.

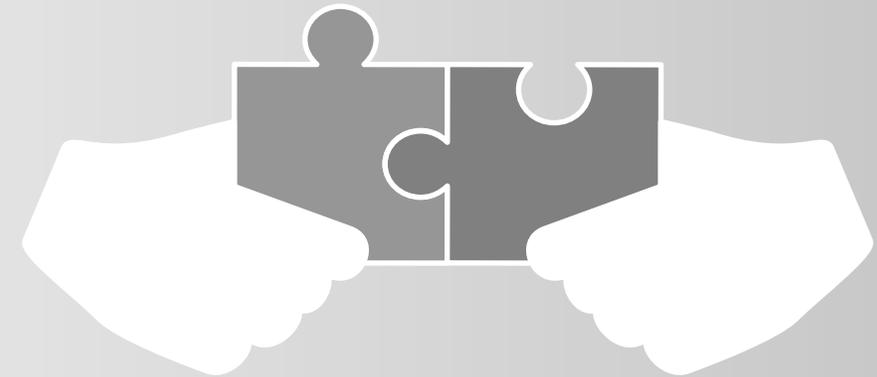
PARADIGM SHIFT

UNTIL NOW



- ESTABLISHED PROVIDERS

NOW AND IN THE FUTURE



- REGIONAL PROVIDERS
- PUBLIC HAND
 - FEDERAL STATES
 - COMMUNITIES

1. STARTING POSITION AND GOALS

- I. Market failure in structurally weak rural regions
- II. Enable as many people as possible access to a fiber optic connection with the financial resources available
- III. Restriction due to the funding area (white and black areas)
„Dalmatian Effect“
- IV. Intelligent arithmetic planning
- V. Aggregation of several communities to reach a critical mass of units -> **BIK model for peripheral regions**



1.

WHY FIBER ?

MOBILE

5G needs the fiber power

FIBRE

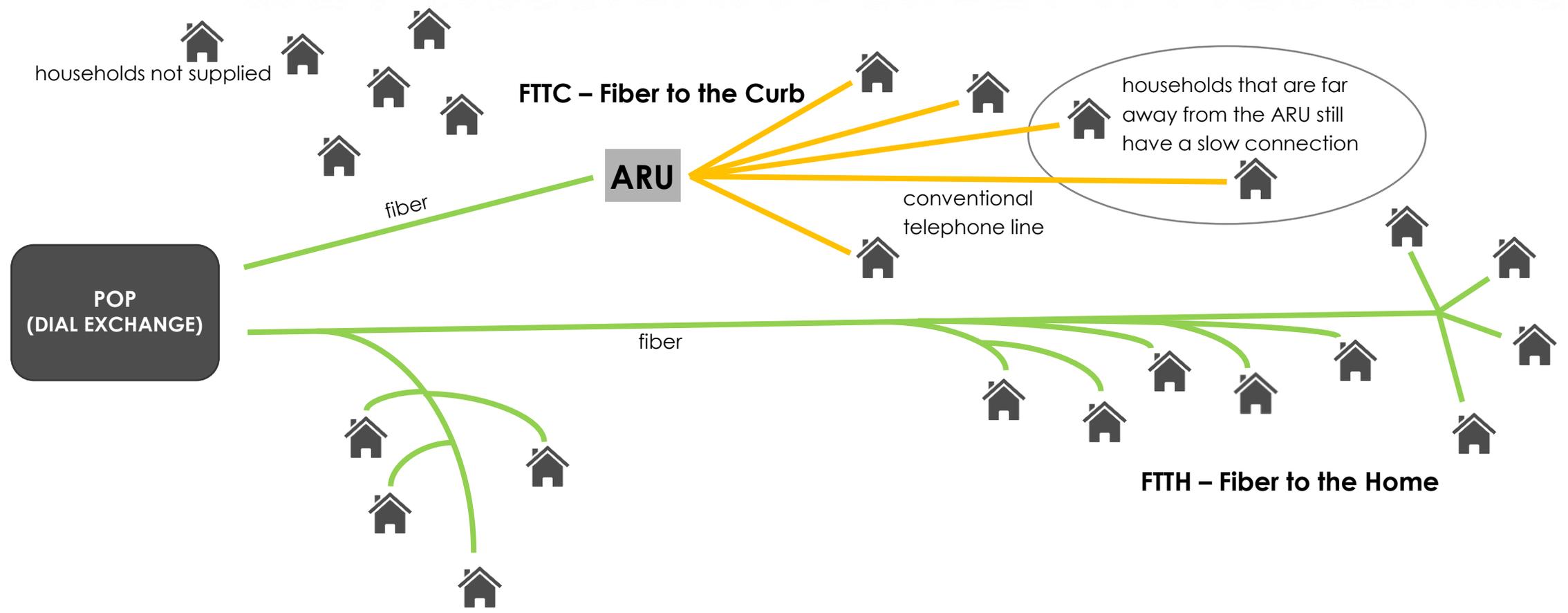
STABILITY

**WE NEED BOTH.
ONE DOES NOT REPLACE THE OTHER!**

1. PROPERTIES OF FIBERGLASS

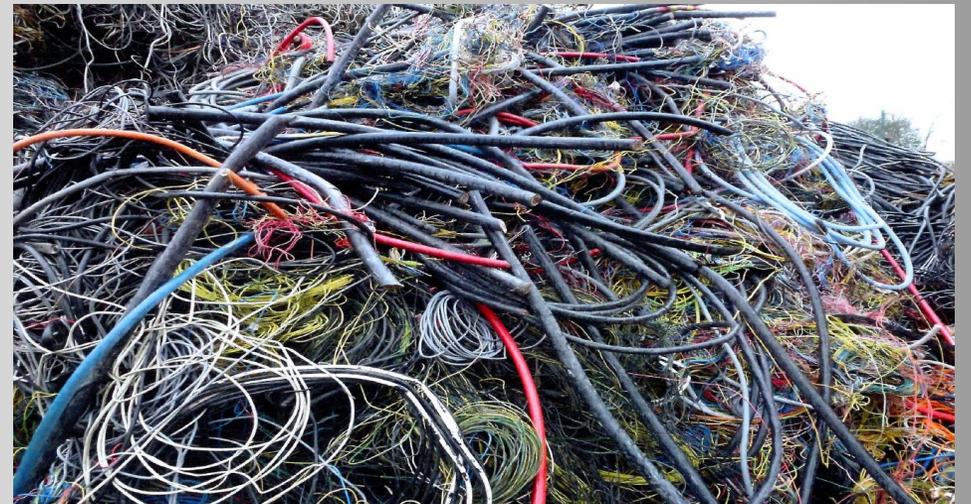
- Fastest medium (300.000 km / sec.)
- Frequency independent line attenuation
- No electromagnetic interference
- High bending strength, tensile strength and compressive strength
- Natural, ecological and no risk to health
- High temperature and moisture resistant

1. WHY FIBERGLASS RIGHT TO THE HOME?



2. MULTI – PHASE PLANNING

**„DON‘T USE ANY
TOOL OR EURO
UNTIL YOU HAVE A
GOOD PLAN.“**



STATUS P11 PLANNING

2

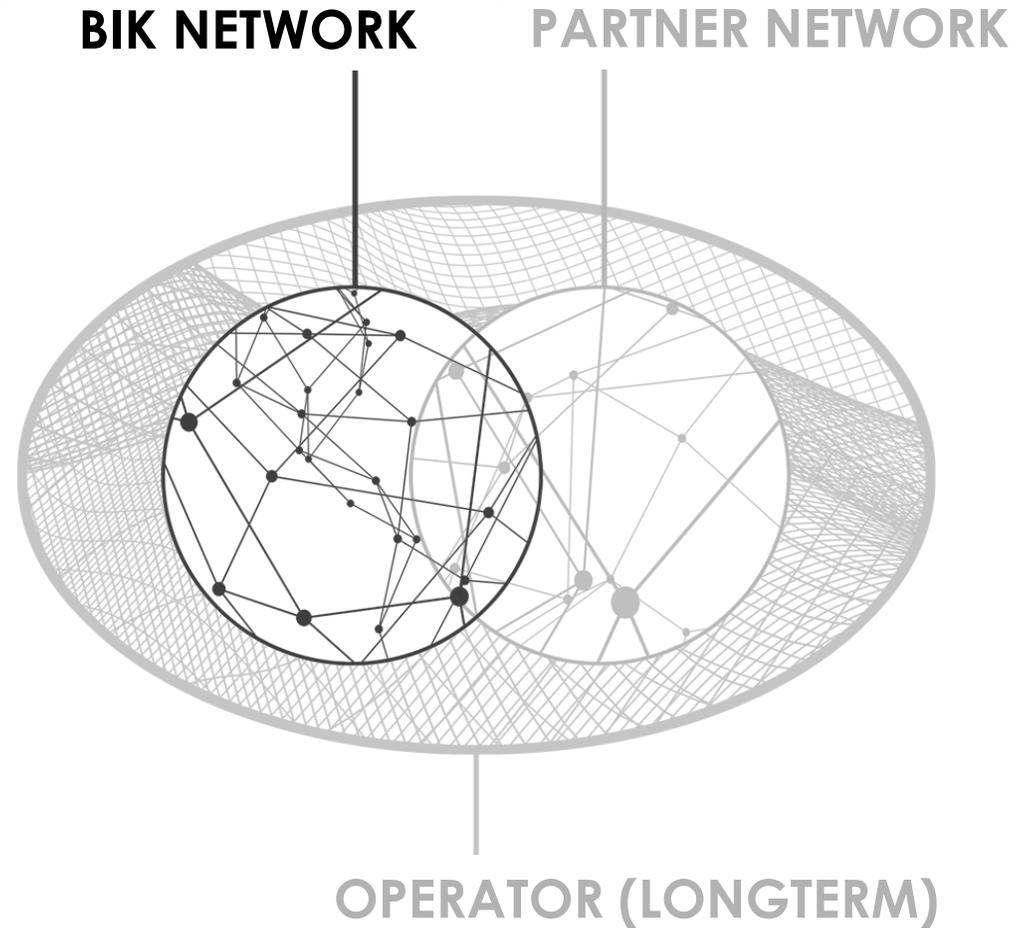


86 Communities with plans

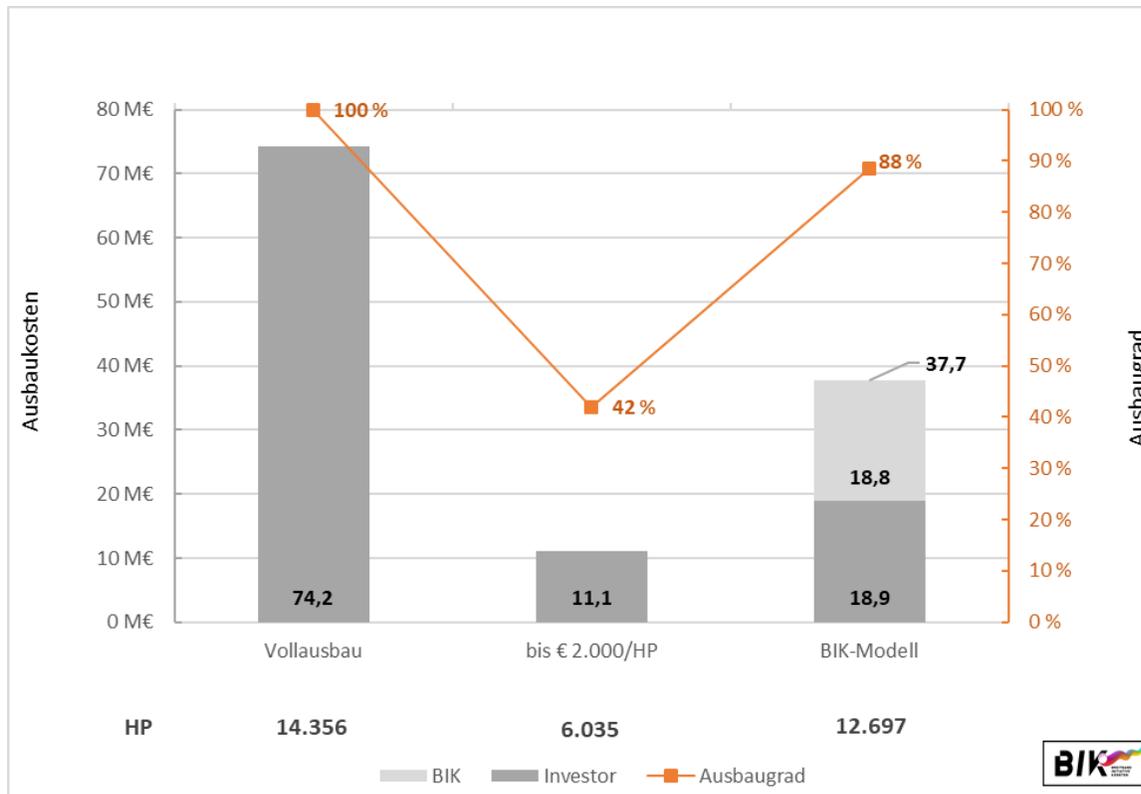
8 Communities with existing fiber optic network

94 communities total which is 71% of communities with a P2 plan

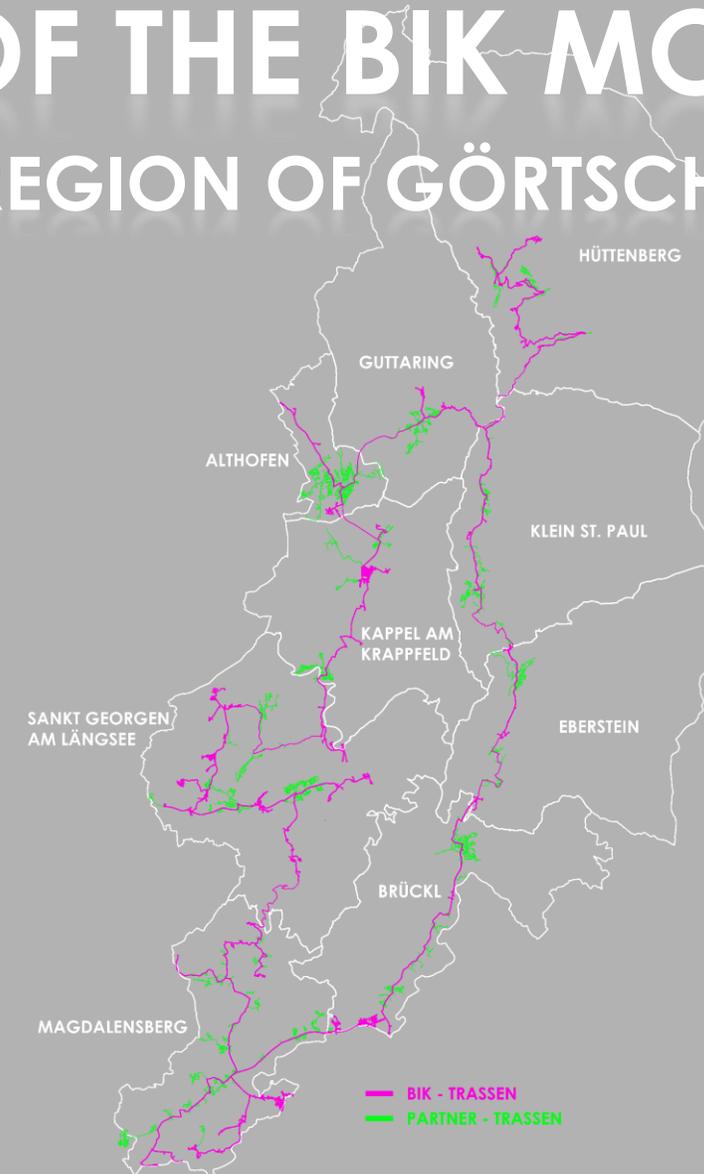
3. BIK-MODEL: 2 NETWORKS 1 OPERATOR



3. LEVERAGE EFFECT OF THE BIK MODEL USING THE EXAMPLE IN THE REGION OF GÖRTSCHITZTAL



Investor < € 2.000/HP



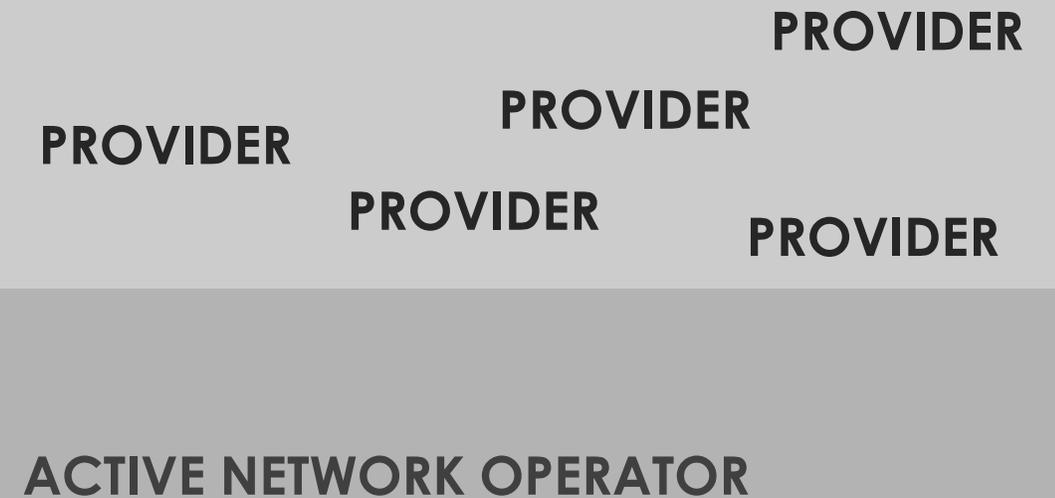
3.

KICK OFF



3.

3 LAYER MODELL



PASSIVE INFRASTRUCTURE



+ PARTNER

4.

UNITRENCHER



4. LAYING FIBER WITH CIVIL ENGINEERING WORK

- Highest costs – civil engineering
- Trenches for water supply, electricity or road renovations are used to reduce the costs
- since 2019:
 - 71 closed projects
 - 93 km routes built
 - 4,5 Mio € invested



THE END



THAN

KS.

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