# INVESTING IN MOBILE COMMUNICATIONS MARKET IN NORTH MACEDONIA 

A Path to NEW HORIZONS

## ICT SECTOR CONTEXT



## ICT SECTOR INDICATORS



## MOBILE COMMUNICATIONS MARKET INDICATORS



## MOBILE MARKET OVERVIEW



## AVAILABLE SPECTRUM - A KEY OPPORTUNITY FOR NEW MARKET ENTRY



## 5G ROADMAP: POSSIBLE SPECTRUM BANDS FOR 5G SERVICES


$\checkmark$ Release of the 700 MHz band finalized in December 2019
$\checkmark$ Free band (3.6-3.8 GHz allocated for testing till November 2020)
$\checkmark$ Allocated 31.5 MHz to Neotel for FWA (WiMAX/LTE)
$24.35-27.5 \mathrm{GHz}$
$\checkmark$ Currently this band is used for Fixed Service (210 point to point links) 2 PP links EVN and 208 PP links one.Vip

## The National Operational Broadband Plan Targets, April 2019

## Targets:

$\checkmark$ By the end of 2023, 5 G signal min 1 larger city to $\quad \checkmark$ By the end of 2029, min $50 \%$ of HH subscriber be covered with 5 G signal. contracts with at least 100 Mbps
$\checkmark$ By the end of 2025, the main corridors covered with an uninterrupted 5 G signal
$\checkmark$ By the end of 2027, all towns in the country are covered with uninterrupted 5 G signal
$\checkmark$ By the end of 2029, total access through 5G with a minimum speed of at least 100 Mbps .
$\checkmark$ By the end of 2029, all HH with affordable access to network with min 100 Mbps , with a possibility for upgrade to Gigabit speed
$\checkmark$ By the end of 2029, all public, health and educational institutions, authorities and courts, including at local level to have symmetrical internet access with a speed of at last 1Gbps

