

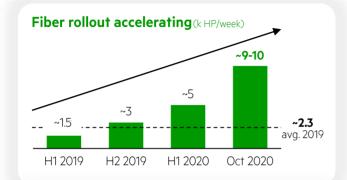
# Strategy Update 2020



**kpn.** The network of the Netherlands



# Solid foundation in place, momentum is accelerating



Strong cost savings discipline

€ 256m YTD 2020 net indirect opex savings realized in latest program **Encouraging base momentum** 

Stabilizing broadband base
Growing mobile base

**49%** converged households

**86%** SME base migrated

Returned to adj. EBITDA AL growth

**+1.2%** y-on-y 2019

**+1.5%** y-on-y YTD 2020<sup>2</sup>



# **Acceleration** supported by three key pillars

## Three strategic pillars...

## 1. Leverage & expand superior network

- Covering the Netherlands through fiber
- Low latency services via 5G and edge computing

## 2. Grow & strengthen customer footprint

- Outstanding digital experience
- Differentiated services for families and businesses

## 3. Simplify & streamline operating model

- New ways of digital working
- Continue strong and disciplined cost control program

## ...to support our ambition to



#### Connect the Netherlands to a sustainable future

- Leading the Dutch digitalization wave
- Recognized as ESG front runner

#### **Grow mass-market service revenues and EBITDA**

- Fiber fueling household revenue growth in B2C
- Segmented B2B approach, stabilize SME first

#### Provide attractive shareholder returns

- Covered by growing Free Cash Flow
- Progressive dividend, +3-5% annually



# Supportive industry trends, telcos more relevant than ever



Demand for more **connectivity** and better, **differentiated** offerings



**Ecosystem** business models



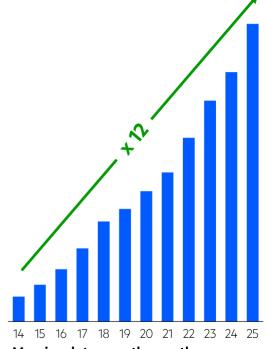
Security, privacy and trust



**Artificial Intelligence** enabling neural B2B networks



**Next-generation gaming** cloud-based multiplayer 4K, 8K, HDR



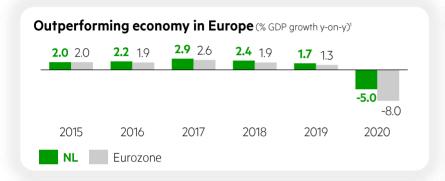
Massive data growth over the years

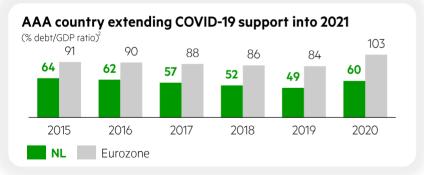
(KPN core traffic, Tbps)



Work/life boundaries blurring

## The Netherlands: an attractive environment to do business





Rank	Country	Rank vs. 2018
1	Singapore	+1
2	United States	-1
3	Hong Kong	+4
4	Netherlands	+2
5	Switzerland	-1
6	Japan	-1
7	Germany	-4
8	Sweden	+1
9	United Kingdom	-1
10	Denmark	-



# The Netherlands: leading in digitalization

Frontrunner on digitalization

#2 Digitalization Index

## **Best performer**

Digital Infrastructure Digital Intensity

Lowest latency in Europe

6 milliseconds Amsterdam – London

## Largest

Internet exchange hub in Europe

Leading broadband penetration

Fixed broadband penetration vs. 77% EU average<sup>3</sup>

All 3 mobile networks in global top-10°



# **KPN well positioned** in mature three-player market

	<b>w</b> kpn	vodafone 🌢 Ziggo	$T\cdots$
Fixed access	FttH, FttC	Coax	Wholesale
Broadband network market share	~52%	~43%	n.a.
TV product perception (1-10)	7.2	6.7	6.8
TV market share	~31%	~52%	~4%
Mobile network quality			
Mobile value market share	~37%	~30%	~33%
Fixed-mobile convergence	49%	42%	n.a.
Business market presence	SME, LE, Corporate	SME, LE, Corporate	SME, LE
Business market capabilities	•		



## **Network of the Netherlands**

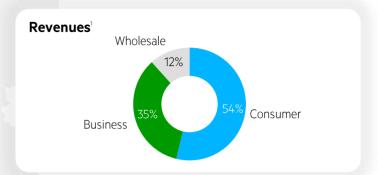
4.2m broadband customers

~52% total broadband network share<sup>2</sup> **236Mbps** average maximum download speed<sup>3</sup> Up to **1Gbps** commercially available<sup>4</sup>

7.2m mobile SIMs<sup>1</sup>

99.4% 4G coverage, currently rolling out 5G

~90Mbps average download speed, >200Mbps on 5G<sup>5</sup>



## Investing in the future of the Netherlands

>€ 1bn annual Capex

Biggest private investor in Dutch infrastructure

Invested

**~€ 7bn** in 2015-2020

~€ 400 per capita<sup>6</sup>



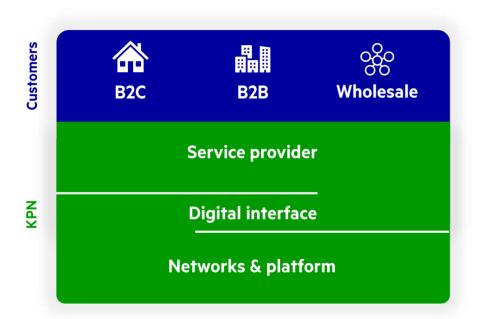


<sup>2.</sup> Consumer+Wholesale, based on management estimates

<sup>3.</sup> Average technical download speed fixed broadband per year-end 2019

<sup>4.</sup> For designated FttH areas

# **Integrated model** to optimize value creation



**Complementary cash flow profiles** Margin versus capital intensity

**Optimized network penetration** Retail + Wholesale

**Integrated service approach**Commercializing fiber rollout

**Simplified IT & organization** Facilitates integrated model



# Qualified & motivated workforce ready to accelerate digitalization of NL





**Best**service center
field engineers
sales force

## **Purpose**

We go all out to connect everyone in the Netherlands to a sustainable future

## Vision

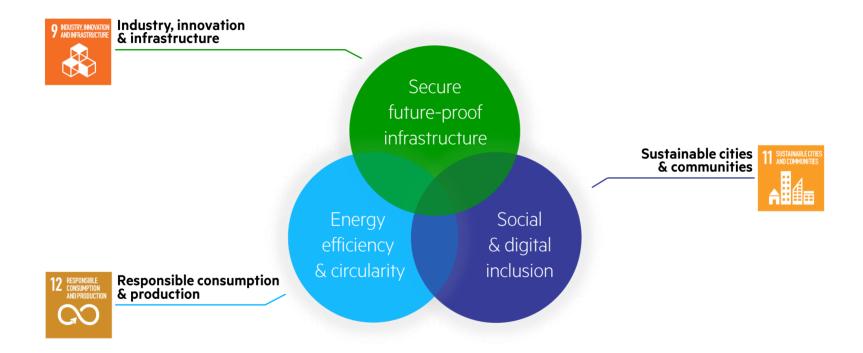
To make the Netherlands the most connected country in the world

## **Ambition**

Your preferred partner in digital life

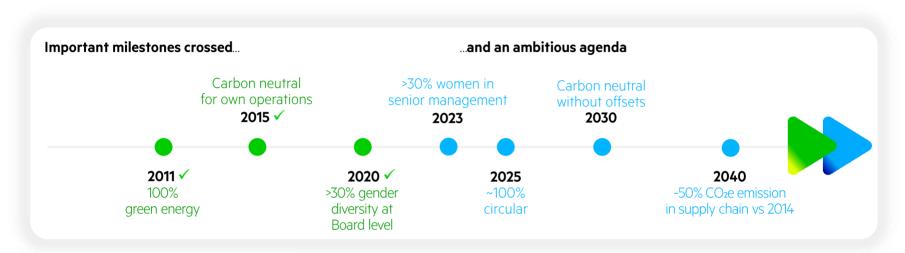


# ESG fully embedded in strategy and organization





# ESG milestones and ambitions recognized by leading benchmarks



#### Rankings & awards in 2020



Dow Jones Sustainability Indices

Powered by the S&P Global CSA













# **Acceleration** supported by three key pillars

## Three strategic pillars...

## 1. Leverage & expand superior network

- Covering the Netherlands through fiber
- Low latency services via 5G and edge computing

## 2. Grow & strengthen customer footprint

- Outstanding digital experience
- Differentiated services for families and businesses

## 3. Simplify & streamline operating model

- New ways of digital working
- Continue strong and disciplined cost control program

## ...to support our ambition to



#### Connect the Netherlands to a sustainable future

- Leading the Dutch digitalization wave
- Recognized as ESG front runner

#### **Grow mass-market service revenues and EBITDA**

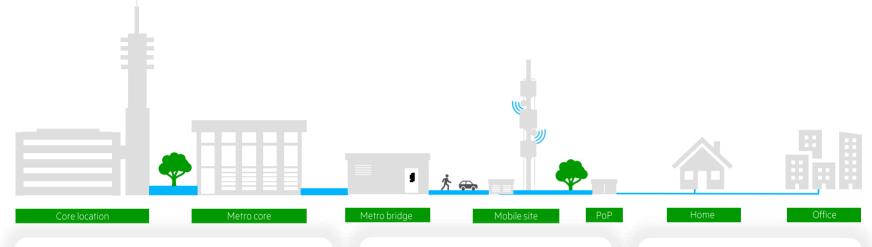
- Fiber fueling household revenue growth in B2C
- Segmented B2B approach, stabilize SME first

#### Provide attractive shareholder returns

- Covered by growing Free Cash Flow
- Progressive dividend, +3-5% annually



# State-of-the-art, future-proof network design



## Copper legacy will mostly be phased out eventually

**1,300** central offices

**31,000** street cabinets

~8.5m copper lines

#### We built a state-of-the-art network

4 core locations

**161** metro core locations

~89% FttS

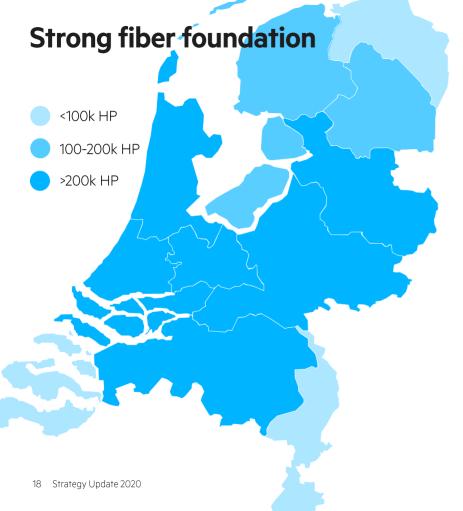
~33% FttH

## **Next step**

# Covering the Netherlands through fiber







**Largest** fiber footprint in NL ~33% FttH coverage (2.7m HP) as per Q3 2020

90 construction areas and growing

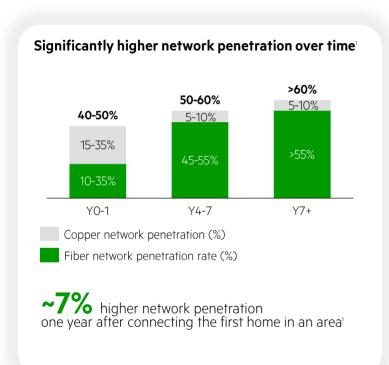
Scaling up rollout to ~10k HP per week Upgrading copper to fiber (overlay areas)

New built areas

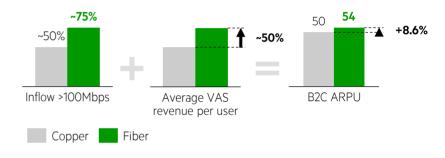
**+7.6%** B2C fiber service revenue growth in Q3 2020 driven by growing fiber base and higher fiber ARPU € 820m annualized mass-market fiber service revenues



# Leverage superior network: attractive returns from fiber



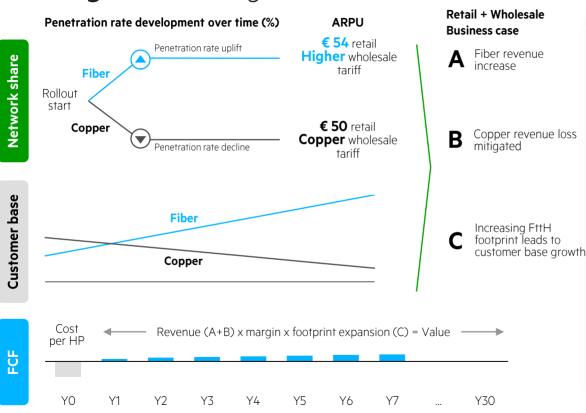
## Customers increasingly willing to pay for quality







# **Creating value** through fiber investments



>55% Network penetration on fiber network over time

**+€ 4** Retail ARPU uplift

€ 700-900 Construction cost per HP

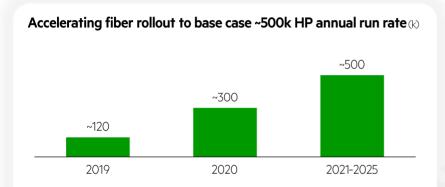
**~67%** Lower cost to operate

**2023** Phasing out copper network in fiber areas

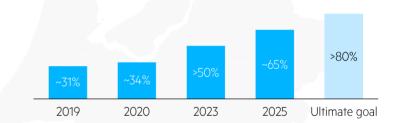
IRR > WACC



# **Expand superior network:** the leading fiber company in the Netherlands



Ambition to cover the Netherlands with FttH



**Secured** contracting capacity

Sophisticated rollout area selection



# Wholesale open access model adding value to the fiber case

#### Contributing to the Netherlands...



Offer Dutch citizens access to superior networks Accelerating digitalization in the Netherlands



Attractive portfolio at fair pricing for other service providers
Stimulating fair competition and ensuring choice for customers



In our view, creating a stable regulatory climate Including potential future obligations, e.g. based on symmetrical access regulation

#### and to KPN

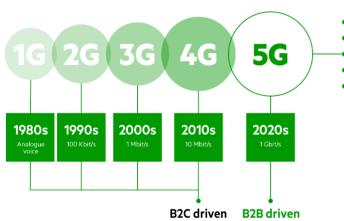
Optimizing value creation through increased utilization of fixed and mobile network

~25% of fixed network penetration

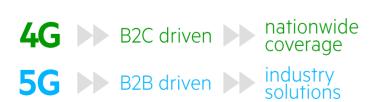


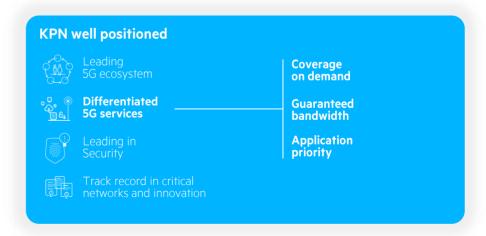


## **Differentiated 5G services** for B2B customers



- **100x** faster
- 100x more connected devices (1 million per km²)
- **5x** faster response times (5 ms)
- Slicing of virtual networks
- Mission-critical communication function







# **5G strategy** focused on offering differentiated services in specific industries















# **Accelerate to grow:** leverage & expand superior network

## Three strategic pillars...

## 1. Leverage & expand superior network

- Strong network position in NL
- Creating value trough fiber investments
- ✓ Covering NL through fiber; ~65% in 5 years
- Committed to open access model
- ✓ Differentiated 5G services for B2B customers

#### 2. Grow f & strengthen customer footprint

- Outstanding digital experience
- Differentiated services for families and businesses

## 3. Simplify & streamline operating model

- New ways of digital working
- Continue strong and disciplined cost control program

## ...to support our ambition to

#### Connect the Netherlands to a sustainable future

- Leading the Dutch digitalization wave
- Recognized as ESG front runner

#### Grow mass-market service revenues and EBITDA

- Fiber fueling household revenue growth in B2C
- Segmented B2B approach, stabilize SME first

#### Provide attractive shareholder returns

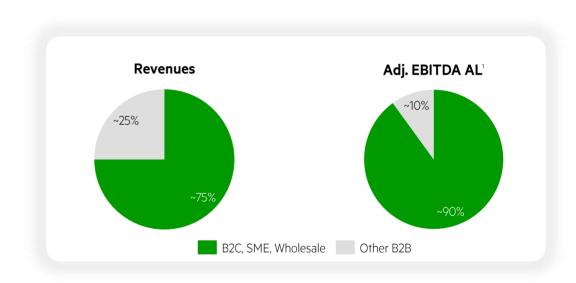
- Covered by growing Free Cash Flow
- Progressive dividend, +3-5% annually





# Mass-market service provider generating most attractive margins







# **B2C: Preferred digital partner** for households

Front runner on product innovations with strong household focus

## **Propositions**

2013 FMC (KPN Compleet)2019 Flexible offering (KPN Hussel)

## Digital partnerships

**2011** Spotify **2015** Netflix **2019** Amazon

## **Brand convergence**

**2015** Hi **2019** Telfort

Serving as a platform for household value growth



## **Best digital access**

Convergence, fiber, WiFi & 5G fueling base growth



## **Best digital experience**

MijnKPN app as cornerstone for customer interaction

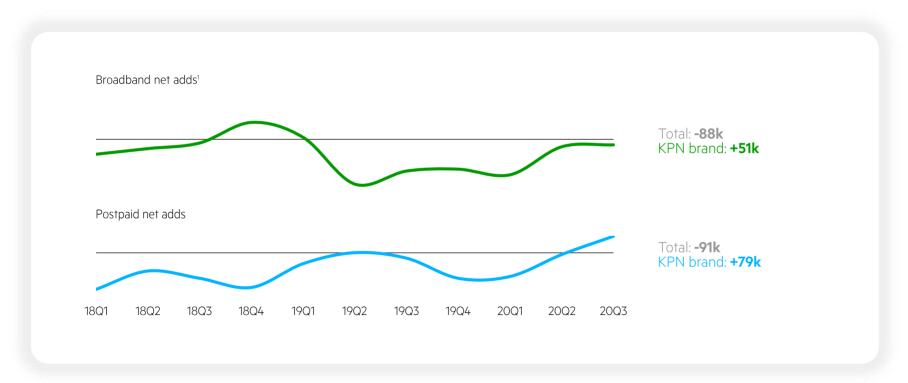


## **Best digital third-party services**

Entertainment partnerships driving household value

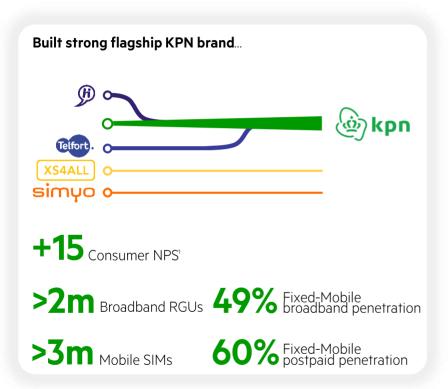


# **B2C:** Base developments turning in the right direction





# **B2C: Strong brand position** facilitating growth of flagship KPN brand



...with a strong reputation

# **Strongest** Dutch brand

Flagship brand Platform

Reputation Ranking 2020<sup>3</sup>

Best

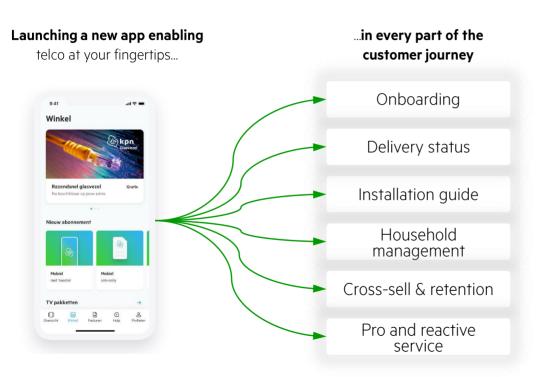
Internet & mobile provider



<sup>1.</sup> Kantar, twelve-month average NPS

<sup>4.</sup> Consumentenbond (Dutch Consumers' Association)

# B2C: Providing best omni-channel experience with customer in control



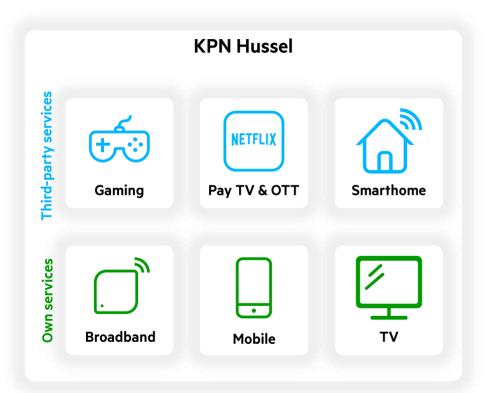
**Higher NPS** 

Lower churn

**Lower costs** 



# **B2C: Flexible offering** focusing on households



# Unique & clearly differentiated Proposition

# Single app-based platform

Customer in control

## Home of entertainment

Aggregating 3<sup>rd</sup> party services





# **B2C: Return to service revenue growth** by end 2021

## **Base growth**

**Fiber base growth** offsetting copper decline **Mobile** driven by Unlimited and convergence

## **Higher ARPA**

Driven by household value steering





# **B2B: Clearly segmented** customer focus

## Small & Medium Enterprises (SME)

Modular future-proof portfolio

## **Converged propositions**

- **▶** KPN Small Business
- **▶** KPN FFN

## Return to growth

- >> Increased product density
- >> Customer migrations

## Large & Corporate Enterprises (LCE)

Modular future-proof portfolio

#### **Converged proposition**

**▶** KPN Smart Combinations

## Return to growth

- ▶ Drive cross & up-sell
- >> Customer migrations

#### **Tailored Solutions**

>> Innovation with top customers

#### **Converged proposition**

>> KPN Smart Integration

#### Optimize for value

- >> Sustainable relationships
- ➤ Customer retention

~35%

~50%

~40%

~35%

~25%

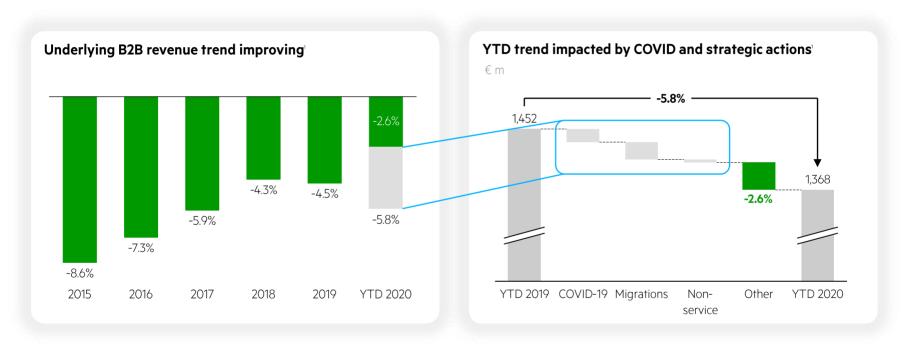
~15%

B2B Adj. service revenues contribution<sup>1</sup>

B2B Adj. EBITDA AL contribution<sup>1</sup>



# **B2B:** Moving in the right direction despite revenue challenges

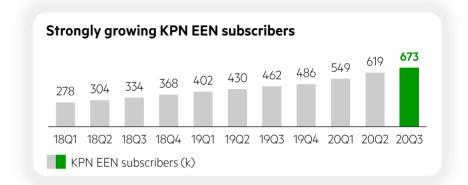




# **SME: Distinctive KPN EEN proposition** as solid foundation for growth

### Modular offering for Small & Medium Enterprises





### **KPN EEN offers strong benefits**

+7<sub>pt</sub> ~6% -39% churn cost to serve<sup>2</sup>



## SME: Service revenue stabilization by end 2021

# Finalizing migrations and cross-sell opportunities fueling revenue stabilization

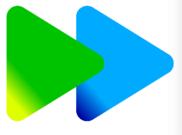
of 2021 revenues in legacy products vs. **40%** in 2019

>20% of KPN EEN base in triple play

**Double play** biggest within KPN EEN base<sup>1</sup>

Cross-sell Fixed to Mobile and Mobile to Fixed

**Unlimited** supporting Mobile inflow ARPU



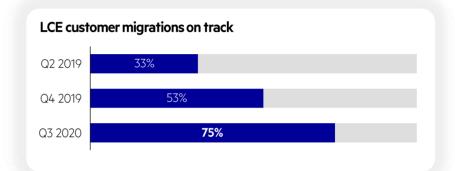




# LCE: Platform positioning with future-proof proposition

#### Standardized offering for Large & Corporate Enterprises





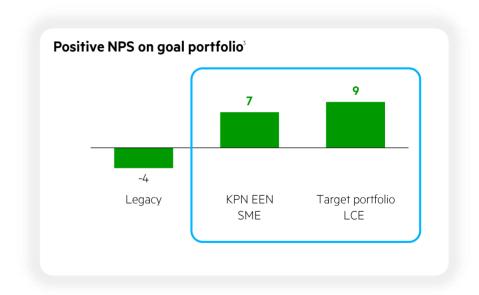
### Return to growth driven by

- ▶ Gradually decreasing impact of rationalization
- ▶ Drive cross and up-sell
- **▶** Growth driven by Secure Networking, Cloud and Workspace, Security and IoT
- ▶ 5G value added services
- ▶ Partnerships to complement core services



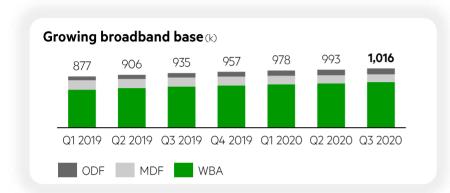
### **B2B: Digital transformation** to improve customer experience

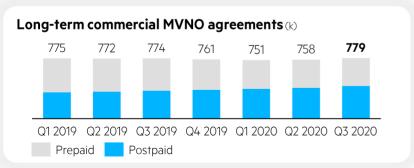






# Wholesale: Sustainable growth from open access model









# **Accelerate to grow:** grow and strengthen customer footprint

### Three strategic pillars...

#### 1. Leverage & expand superior network

- Covering the Netherlands through fiber
- Low latency services via 5G and edge computing

### 2. Grow & strengthen customer footprint

- Strong service portfolic
- ✓ Digital journeys, service and sales
- ✓ Partnerships for complementary services
- ✓ Fiber fueling growth in B2C
- ✓ Finalizing migrations fueling SME revenue stabilization

### 3. Simplify & streamline operating model

- New ways of digital working
- Continue strong and disciplined cost control program

### ...to support our ambition to

#### Connect the Netherlands to a sustainable future

- Leading the Dutch digitalization wave
- Recognized as ESG front runner

#### Grow mass-market service revenues and EBITDA

- Fiber fueling household revenue growth in B2C
- Segmented B2B approach, stabilize SME first

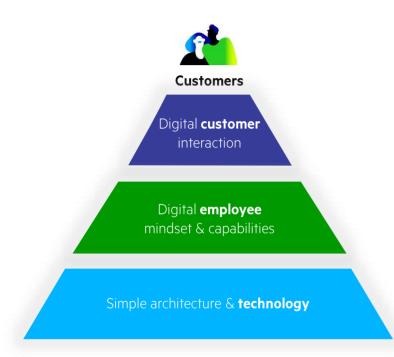
#### Provide attractive shareholder returns

- Covered by growing Free Cash Flow
- Progressive dividend, +3-5% annually





## Momentum to embed digitalization in all layers of the organization



### **Outstanding digital experience**

- >> Scalable front-end solutions for seamless customer interaction.
- >> Differentiating services for families and businesses

### Digital mindset in organization & new way of working

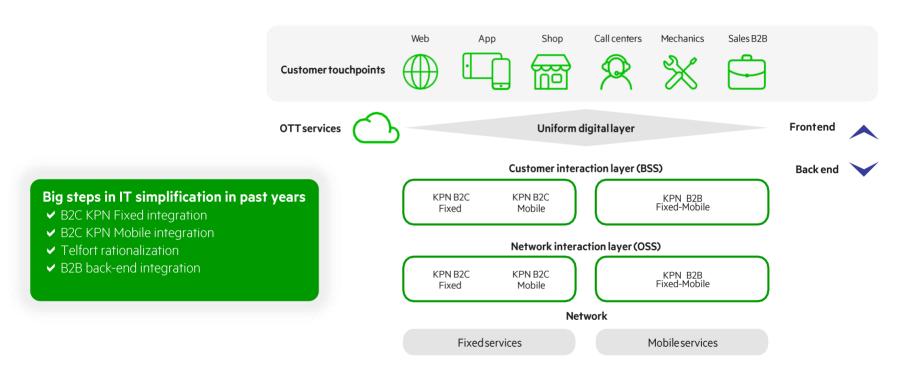
- Flexible new way of working
- >> Further develop digital capabilities

### Simple end-state architecture & technology

>> Finalize integration towards target end-state architecture and



# Strongly simplified IT architecture to accelerate digitalization





# How we work: digital mindset & new ways of working



#### Personal

- Flexible working opportunities
- High vitality & engagement
- Build future digital skills



#### **Collaborative**

- Reimagine offices
- Improve collaboration
- Enable innovation



### **High performing**

- Improve outcome, focus on results
- Streamline decision making
- Simplify way of working



#### **Efficient**

- Shift to more remote working
- Reduce office footprint
- Less travel, more sustainable

### COVID-19 accelerated move to digital

**~8,000** employees working from home

~90% stating they can do their work well

+350% growth of online courses

Moving to more remote working



### Accelerate to grow: simplify & streamline operating model

### Three strategic pillars...

### 1. Leverage & expand superior network

- Covering the Netherlands through fiber
- Low latency services via 5G and edge computing

#### 2. Grow & strengthen customer footprint

- Outstanding digital experience
- Differentiated services for families and businesses

### 3. Simplify & streamline operating model

- ✓ Strong foundation to digitalize
- Ambitious digitalization agenda
- ✓ New ways of digital working
- Continue strong and disciplined cost control program

### ...to support our ambition to

#### Connect the Netherlands to a sustainable future

- Leading the Dutch digitalization wave
- Recognized as ESG front runner

#### Grow mass-market service revenues and EBITDA

- Fiber fueling household revenue growth in B2C
- Segmented B2B approach, stabilize SME first

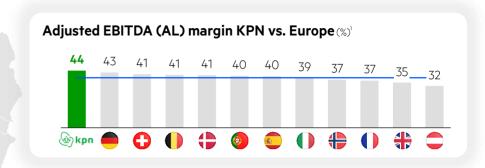
#### Provide attractive shareholder returns

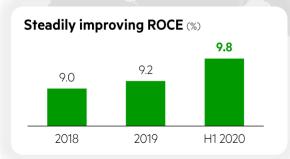
- Covered by growing Free Cash Flow
- Progressive dividend, +3-5% annually

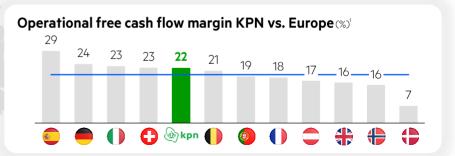




# Delivering strong margins and cash generation vs. EU peers



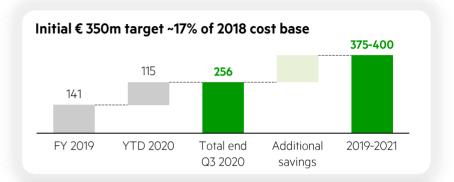






# Growing mass-market revenues and next wave cost savings





New wave cost savings program (2021-2023)

>€ 250m

net indirect opex' (~15% of 2020 indirect cost base)



## Five main contributors to next wave of cost savings program

### Portfolio simplification

- ► B2C+B2B: simplify product portfolio
- ▶ Phase out legacy products
- >> Optimize products & marketing

### Digital customer journey

- **▶** B2C+SME: app as primary touchpoint
- >> Data-driven customer insights
- ▶ Digital first customer journeys
- Partnerships

#### IT rationalization

- >> CRM and Service & Operations
- ▶ Move to three integrated IT stacks
- **▶** ERP implementation
- >> Simplify network-related IT

#### **Network rationalization**

- ▶ All-IP migration by end 2021
- >> Copper phase out as of 2023

### **Executing on COVID opportunities**

- **▶** Reduce office footprint
- **▶** Smaller lease fleet
- ► Adjust employee facilities
- **▶** Digitalization & automation



### Making clear investment decisions: accelerate fiber

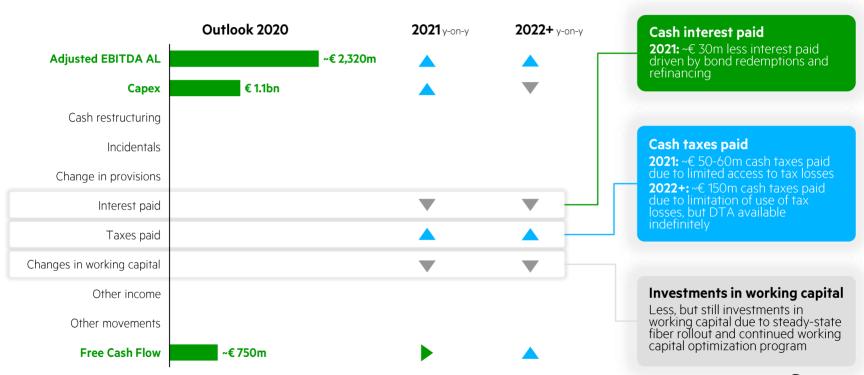


#### **Increasing fiber investments**(€ bn)



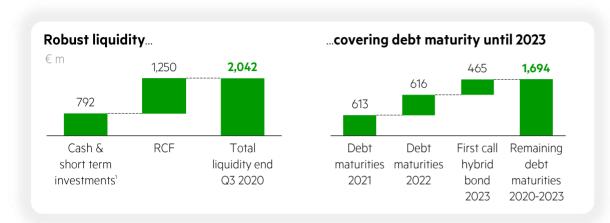


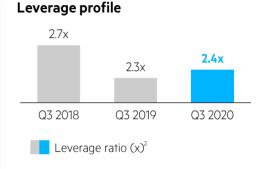
## Clear Free Cash Flow growth trajectory





## Robust liquidity position & committed to investment grade credit profile





### Committed to an investment grade credit profile

**S&P Global** Ratings

BBB / Stable

**Fitch**Ratings

BBB / Stable

Moody's

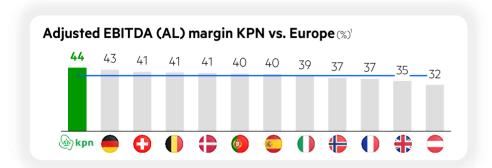
Baa3 / Stable

### Leverage target

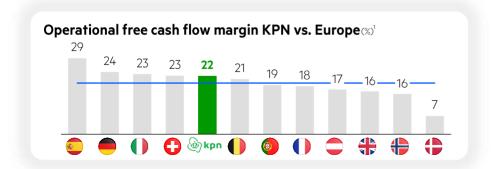
<2.5x



# Further expanding margins going forward



Opportunity to increase margin >46%



Ambition to move to **top-quartile** 

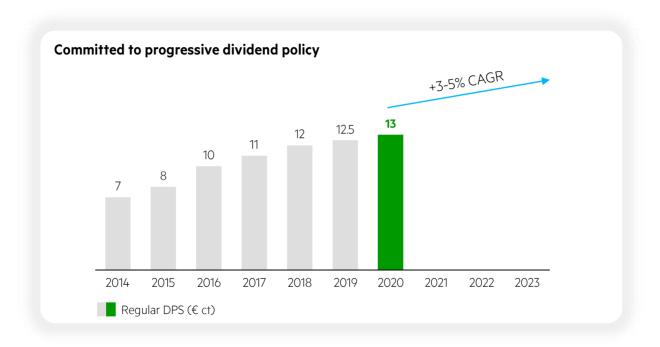


### **Outlook 2021 and ambitions 2023**

	Outlook FY 2020	Outlook FY 2021	Ambitions FY 2023
Adj. EBITDA AL	~€ 2,320m	Growth	>€ 2,450m
Capex	€ 1.1bn	€ 1.2bn	€ 1.1-1.2bn
Free Cash Flow	~€ 750m	~€ 750m	>€ 870m
Regular DPS	€ 13 cents	Progressive +3-5% annual growth	Progressive +3-5% annual growth



### Continue attractive shareholder returns





# Wrap up and Q&A

- Accelerate fiber
- Digitalize customer journeys
- Grow mass-market revenues
- Next wave cost savings
- Progressive dividend





### Safe harbor

#### Alternative performance measures and management estimates

This financial report contains a number of alternative performance measures (non-GAAP figures) to provide readers with additional financial information that is regularly reviewed by management, such as EBITDA and Free Cash Flow ('FCF'). These non-GAAP figures should not be viewed as a substitute for KPN's GAAP figures and are not uniformly defined by all companies including KPN's peers. Numerical reconciliations are included in KPN's quarterly factsheets and in the Integrated Annual Report 2019. KPN's management considers these non-GAAP figures, combined with GAAP performance measures and in conjunction with each other, most appropriate to measure the performance of the Group and its segments. The non-GAAP figures are used by management for planning, reporting (internal and external) and incentive purposes. KPN's main alternative performance measures are listed below. The figures shown in this financial report are based on continuing operations and were rounded in accordance with standard business principles. As a result, totals indicated may not be equal to the precise sum of the individual figures.

Financial information is based on KPN's interpretation of IFRS as adopted by the European Union as disclosed in the Integrated Annual Report 2019 and do not take into account the impact of future IFRS standards or interpretations. Note that certain definitions used by KPN in this report deviate from the literal definition thereof and should not be considered in isolation or as a substitute for analyses of the results as reported under IFRS as adopted by the European Union, KPN defines revenues as the total of revenues and other income. Adjusted revenues are derived from revenues (including other income) and are adjusted for the impact of

incidentals. KPN defines EBITDA as operating result before depreciation (including impairments) of PP&E and amortization (including impairments) of intangible assets. Adjusted EBITDA after leases ('adjusted EBITDA AL') is derived from EBITDA and is adjusted for the impact of restructuring costs and incidentals ('adjusted') and for lease costs, including depreciation of right-of-use assets and interest on lease liabilities ('after leases' or 'AL'). KPN defines Gross Debt as the nominal value of interest-bearing financial liabilities representing the net repayment obligations in Euro, excluding derivatives, related collateral, and leases, taking into account 50% of the nominal value of the hybrid capital instruments. In its Leverage Ratio, KPN defines Net Debt as Gross Debt less net cash and short-term investments, divided by 12 month rolling adjusted EBITDA AL excluding major changes in the composition of the Group (acquisitions and disposals). The Lease adjusted leverage ratio is calculated as Net Debt including lease liabilities divided by 12 month rolling adjusted EBITDA excluding major changes in the composition of the Group (acquisitions and disposals). Operational free cash flow is defined as adjusted EBITDA AL minus capital expenditures (Capex) being expenditures on PP&E and software. Free Cash Flow ('FCF') is defined as cash flow from continuing operating activities plus proceeds from real estate, minus Capex. Return on capital employed (ROCE) is calculated by the net operating profit less adjustments for taxes divided by capital employed, on a 4-quarter rolling basis. Net operating profit is the adjusted EBITA (excluding incidentals and amortization of other intangibles and including restructuring costs). KPN defines capital employed as the carrying amount of operating assets and liabilities, which excludes goodwill and the other intangibles.

All market share information in this financial report is based on management estimates based on externally available information, unless indicated otherwise. For a full overview on KPN's non-financial information, reference is made to KPN's quarterly factsheets available on ir.kpn.com.

#### Forward-looking statements

Certain statements contained in this financial report constitute forward-looking statements. These statements may include, without limitation, statements concerning future results of operations, the impact of regulatory initiatives on KPN's operations. KPN's and its joint ventures' share of new and existing markets, general industry and macro-economic trends and KPN's performance relative thereto and statements preceded by, followed by or including the words "believes", "expects", "anticipates", "will", "may", "could", "should", "intends", "estimate", "plan", "goal", "target", "aim" or similar expressions. These forward-looking statements rely on a number of assumptions concerning future events and are subject to uncertainties and other factors, many of which are outside KPN's control that could cause actual results to differ materially from such statements. A number of these factors are described (not exhaustively) in the Integrated Annual Report 2019. All forward-looking statements and ambitions stated in this financial report that refer to a growth or decline, refer to such growth or decline relative to the situation per 31 December 2019, unless stated otherwise.





**KPN Investor Relations** 

