



Cyfrowy Polsat IR Newsletter

18 – 25 November 2019



N E T I A

Telko.in

18 November 2019

Deloitte: Consumers do not show much enthusiasm about 5G yet

by Stefan Kaczmarek

In the opinion of *Telko.in*, based on the consumer survey conducted by Deloitte (“Mobile Consumer Survey 2019”), despite efforts made by operators, it is difficult to notice any enthusiasm of consumers related to the use of 5G network.

Operators present various possible applications of the 5G network, such as for instance streaming of content in 8K VR or piloting drones. However many consumers do not use this type of solutions in daily life, and 4G is sufficient to support the majority of current applications.

According to Deloitte, in case of 4G there was a clear business justification, since consumers needed fast data transmission to stream video and music content. In case of 5G, however, an application sufficiently encouraging to use this technology has not been created yet, and until it is created 5G would be “difficult to sell”.

The survey indicates that 84% of consumers are not yet convinced to pay 15 USD extra (it is an average amount suggested by operators for 5G services). Consumers are also more resistant to marketing noise accompanying 5G.

Authors of the survey conclude that only when new technologies, such as Virtual Reality or streaming of mobile games, gain on popularity, they may become relevant for 5G application.

PAP.pl

18 November 2019

Zagórski: the auction for 5G frequencies in 2020 may contribute approx. PLN 4 – 5 billion to the state budget

by Radosław Jankiewicz, rkj/je/

The Minister of Digital Affairs, in the interview with PAP (Polish Press Agency), said that the estimated revenues for the state budget on account of the auction for 5G frequency might bring as many as PLN 4 - 5 billion. He added that the budgeted amount was lower, but the final value of proceeds from the auction would depend on operators who would take part in the auction.

Frequency auctions for the 5G network built in Poland are to be completed in the middle of the next year, which means that the funds would be contributed to the budget already in 2020.

Next year, 5G network should function in one big city. In the Minister's opinion, Warszawa, Kraków or Łódź have a chance to host the 5G network. He also added that "the depth of the market is one of the decisive factors, the more so as we need to remember that 5G smartphones are still more expensive".

By 2020, the European Commission would like to have at least one city in each Member State within the 5G network coverage, and by 2025 – all big cities in EU and main transport routes. The main parameters of the 5G network are as follows: 1 Gbps of data transfer and latency below 5 milliseconds as well as supporting of at least 100 devices per 1 square meter of space.

Puls Biznesu

18 November 2019

5G will have eased requirements related to electromagnetic field

by MZAT

The Ministry of Health, in cooperation with the Ministry of Digital Affairs, published a draft regulation regarding harmonization of electromagnetic radiation standards permissible in Poland to the levels valid in most of the EU countries.

The draft regulation, which envisages increasing of permissible radiation levels, will be consulted until the end of November 2019.

Telecommunication operators asked for increasing these standards as their current permissible levels, determined many years ago, are a serious limitation to building the effective 5G network, necessitating a dense deployment of the network's base stations.

Rzeczpospolita
19 November 2019

Orange Polska getting ready to layoffs

by Urszula Zielińska

Orange Polska started talks with the representatives of employees regarding headcount reduction and terms of employment in the years 2020-2021.

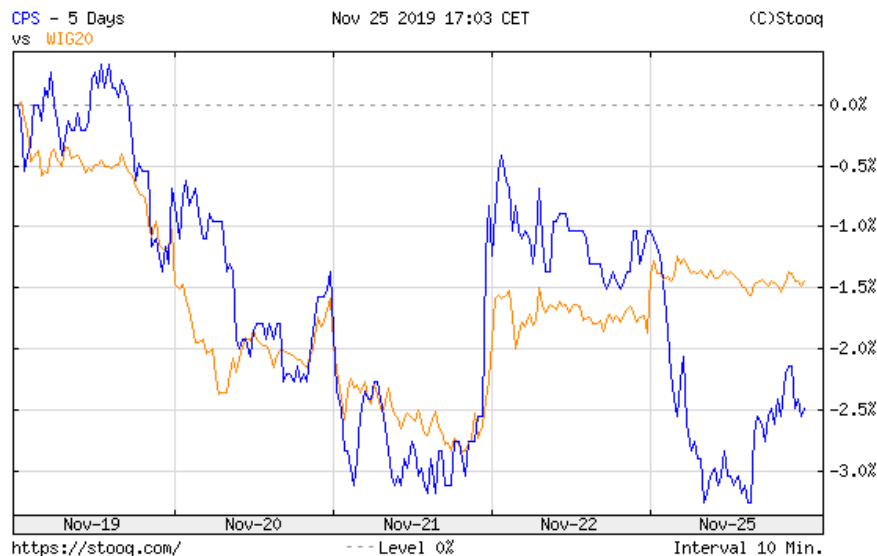
A cyclic, two-year social agreements should determine, among others, the number of people to be covered by the voluntary leave program and increases of basic salaries.

A scale of the planned layoffs have not been revealed.

Cyfrowy Polsat shares



Data	Maximum price (PLN)	Minium price (PLN)	Closing price (PLN)	Change (%)	Turnover (mPLN)
2019-11-18	28.90	28.26	28.90	0.63	5.59
2019-11-19	29.00	28.50	28.70	- 0.69	6.83
2019-11-20	28.74	28.20	28.50	- 0.70	6.81
2019-11-21	28.68	27.94	28.66	0.56	18.93
2019-11-22	28.78	28.40	28.60	- 0.21	6.24
2019-11-25	28.70	27.90	28.18	- 1.47	10.44



Investor's calendar



3 – 4 December 2019	WOOD's Winter Wonderland - EME Conference in Prague 2019
27 February – 12 March 2020	Closed period prior to the publication of 2019 results
12 March 2020	Annual report and consolidated annual report for 2019
30 April – 14 May 2020	Closed period prior to the publication of Q1 2020 results
14 May 2020	Quarterly report for Q1 2020
6 – 20 August 2020	Closed period prior to the publication of H1 2020 results
20 August 2020	Consolidated semi-annual report for the 1st half of 2020
27 October – 10 November 2020	Closed period prior to the publication of Q3 2020 results
10 November 2020	Quarterly report for Q3 2020

