



the world in your hand

TICKERS:

VOICE & SMS

IDX : TLKM NYSE : TLK

#### SHAREHOLDER COMPOSITION:

Government of Indonesia : 52.1% Public : 47.9%

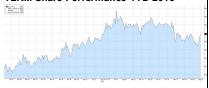
Excl. Treasury stock : 1,737,779,800 shares.

# FINANCIAL PERFORMANCE Revenue (in Rp. Bn) 116,333 102,470 7.172 4.151 7.542 1.152 1.152 1.153 DATA, INTERNET & IT CELLULAR + 3.9%

#### **TLKM Share Performance YTD 2016**

52.417

FY15



54.477

FY16

#### Share Price (Mar 3, 2016):

Rp3,850 (IDX) & USD28.25 (NYSE)

Market Capitalization (Mar 3, 2016): Rp388.1 Tn (USD29.2 Bn)

Average Daily Trading Volume 2016: 93.6 Mn Shares (IDX) & 438,619 DR (NYSE)

Average Daily Trading Value 2016: Rp354.6 Bn (IDX) & USD12.5 Mn (NYSE)

Source: Bloomberg

#### **Highlights**

- Telkom Indonesia delivered remarkable performance in FY16 by recording triple-double-digit growth in Revenue, EBITDA, and Net Income of 13.5%, 15.7%, and 24.9% YoY, respectively.
- Data, Internet & IT Services segment was the growth driver which increased by more than 31% YoY. The segment contributed 37.0% to total Revenue.
- Telkomsel remained focus on growing digital business, installing 25,744 new BTSs during the year, 92% of which were 3G/4G BTS.

#### **Financial Highlights**

Key Indicators		YoY	
(Rp. Bn)	FY16	FY15	Growth (%)
Revenues	116,333	102,470	13.5
Expenses	77,138	70,052	10.1
Operating Profit	39,195	32,418	20.9
EBITDA	59,498	51,415	15.7
EBITDA Margin (%)	51.1	50.2	0.9ppt
Net Income	19,352	15,489	24.9
Net Income Margin (%)	16.6	15.1	1.5ppt

#### **Operational Highlights**

Subscribers (000)		YoY	
Subscribers (000)	FY16	FY15	Growth (%)
Broadband			
Fixed Broadband	4,329	3,983	8.7
IndiHome	1,624	1,068	52.1
Telkomsel Flash	60,030	43,786	37.1
Cellular			
Postpaid	4,180	3,509	19.1
Prepaid	169,740	149,131	13.8
Total	173,920	152,641	13.9
Fixed Line			
POTS	10,663	10,277	3.8
·		·	

#### Investor Relations

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#### PT TELKOM INDONESIA (PERSERO) Tbk FULL YEAR OF 2016 (AUDITED)

The following analysis and discussion is based on our Indonesian GAAP financial statements for the full year ended December 31, 2015 and 2016. The reports have been submitted to Indonesia Financial Services Authority (OJK).

#### Revenues

Key Indicators	YoY			
(Rp.Bn)	FY16	FY15	Growth (%)	
Cellular Voice and SMS	54,477	52,417	3.9	
Data, Internet & IT Service	42,991	32,688	31.5	
Fixed Line Voice	7,542	7,833	(3.7)	
Interconnection	4,151	4,290	(3.2)	
Network and Other Telco Services	7,172	5,242	36.8	
Total	116,333	102,470	13.5	

Telkom recorded total revenue of Rp116.3 trillion in 2016, an increase of 13.5% YoY with Data, Internet & IT Services as the growth driver. The details are as follows:

- Cellular Voice and SMS revenues increased by 3.9% YoY supported by successful innovative product such as voice and combo packages that drove voice traffic as well as advanced pricing strategy.
- Data, Internet & IT Services revenues jumped 31.5% YoY mainly attributable to strong mobile and fixed (IndiHome) broadband services. Mobile data traffic (payload) increased by 94.8%, while IndiHome successfully strengthened its footprint.
- **Fixed Line Voice revenues** decreased by 3.7% YoY due to cannibalization from mobile services that resulted in decline in fixed line traffic.
- Interconnection revenues declined by 3.2% YoY in line with lower incoming voice and SMS services mainly due to the widespread use of OTT messaging services.
- Network and Other Telecommunication Services revenues grew by 36.8% YoY mainly due to increase in our managed service business.



#### **Expenses**

Key Indicators	YoY			
(Rp. Bn)	FY16	FY15	Growth (%)	
Operation, Maintenance & Telecommunication Services	31,263	28,116	11.2	
Personnel	13,612	11,874	14.6	
Interconnection	3,218	3,586	(10.3)	
Marketing	4,132	3,275	26.2	
General & Administrative	4,610	4,204	9.7	
Depreciation & Amortization	18,532	18,534	(0.0)	
(Gain)/Loss on Forex . net	52	46	13.0	
Others . net	1,719	417	312.2	
Total	77,138	70,052	10.1	

Total Expenses increased by 10.1% YoY, lower than Revenue growth, with Operating Expenses rose by 11.3% YoY with the details are as follows:

- Operation & Maintenance ("O&M") expenses increased by 11.2% YoY in line with our continuous infrastructure development including mobile network, backbone and IT, in an effort to grow digital business both in cellular and fixed-line services.
- **Personnel expenses** increased by 14.6% YoY in line with the companys performance during the year.
- Interconnection expenses declined by 10.3% YoY mainly attributable to lower outgoing SMS and international traffic.
- Marketing expenses increased by 26.2% YoY primarily due to aggressive promotion of 4G LTE in mobile and IndiHome in fixed line.
- **General & Administrative expenses** increased by 9.7% YoY alleviated by improvement in provision for doubtful account in line with the improving accounts receivable quality.
- **Depreciation & Amortization expenses** was relatively flat compared to last year, as in 2015 there was significant amount of fixed wireless assets depreciation.
- **Net Forex Loss** was relatively small of Rp52 billion reflecting that Telkom is less exposed to foreign currency fluctuation.
- Others—net increased by 312.2% YoY mainly attributable to higher tax-related charges and decrease in other income.



#### **EBITDA, EBITDA Margin, and Net Income**

As a result of manageable operating expenses, EBITDA increased by 15.7% YoY to Rp59.5 trillion with EBITDA margin improved to 51.1% from 50.2% last year. While our Net Income sharply increased by 24.9% YoY to Rp19.4 trillion with strong Net Income margin of 16.6%, improved from 15.1% in 2015.

#### **Financial Position**

Key Indicators	YTD			
(Rp.Bn)	FY16	FY15	Growth (%)	
Assets	179,611	166,173	8.1	
Liabilities	74,067	72,745	1.8	
Non-controlling Interests	21,160	18,292	15.7	
Equity attributable to owners of the company	84,384	75,136	12.3	

- Total assets as of 31 December 2016 reached Rp179.6 trillion, increased by 8.1% mainly due to increase in fixed assets in line with capex absorption.
- Total liabilities at end of December 2016 increased 1.8% to Rp74.1 trillion mainly attributed to higher accrued expenses.
- Non-controlling interest increased by 15.7% due to improving subsidiariesqperformance.
- Our equity increased by 12.3% due to higher retained earnings as a result of strong performance during 2016.

#### **Cash Flows**

Key Indicators (Rp. Bn)		YoY			
rey indicators (r.μ. σπ)	FY16	FY15	Growth (%)		
Cash Flow from Operating Activities	47,231	43,669	8.2		
Cash Flow used in Investing Activities	(27,557)	(27,421)	0.5		
Cash Flow used in Financing Activities	(17,905)	(6,407)	179.5		
Net (Decrease)/Increase in Cash & Cash Equivalents	1,769	9,841	(82.0)		
Effect of Exchange Rate Changes on Cash & Cash Equivalents	(119)	604	(119.7)		
Cash & Cash Equivalents at Beginning of Year	28,117	17,672	59.1		
Cash & Cash Equivalents at End of Period	29,767	28,117	5.9		

- Net cash provided by operating activities increased by 8.2% YoY as a result of strong cash inflow from operations.
- Net cash used in investing activities increased by 0.5% YoY in line with acquisition of fixed assets in an effort to grow our digital business in cellular and fixed services.
- Net cash used in financing activities increased by 179.5% YoY mainly due to significant cash inflow last year as we successfully issued our bonds in 2015. In addition, we paid interim dividend during 2016.



#### **Debts**

Currencies	YTD			Portion (%)	
(Rp.Bn)	FY16	FY15	Growth (%)	FY16	FY15
IDR/Rupiah	26,091	26,476	(1.5)	93.9	88.2
USD/US Dollar	991	2,764	(64.1)	3.6	9.2
JPY/Japanese Yen	707	792	(10.7)	2.5	2.6
Total	27,789	30,032	(7.5)	100.0	100.0

At the end of 2016, total debts amounting to Rp27.8 trillion, decreased by 7.5% compared to end of 2015. Around 93.9% of our debt was in Rupiah currency, 3.6% was in US Dollar currency and the balance was in Japanese Yen, consisting of short and long-term Bank Loans, Bonds and Two-Step Loans. Our debt to equity ratio (\(\Omegae\text{ER+}\)) was still relatively low at 32.9%.

#### **Financial Ratios**

Ratios		YoY	
(%)	FY16	FY15	Growth (ppt)
EBIT Margin	33.7	31.6	2.1
EBITDA Margin	51.1	50.2	0.9
Net Income Margin	16.6	15.1	1.5
Current Ratio	120.0	135.3	(15.3)
Total Liabilities to Equity	87.8	96.8	(9.0)
Return on Assets	10.8	9.3	1.5
Return on Equity	22.9	20.6	2.3
Return on Invested Capital	17.3	14.7	2.6

#### Gearing

Key Indicators		YTD	
ney illuicators	FY16	FY15	Growth (ppt)
Net Debt to Equity (%)	(2.3)	2.5	(4.8)
Debt to Equity (%)	32.9	40.0	(7.1)
Debt to EBITDA (%)	46.7	58.4	(11.7)
Debt Service Ratio (Times)	7.8	8.2	N/A

#### **Capital Expenditure**

For the full year 2016, Telkom Group spent Rp29.2 trillion in Capital Expenditure (Capex), an increase of 10.6% YoY. Telkom Capex was mainly utilized to develop access and backbone infrastructure, including satellites and submarine cable systems (SMPCS, SEA - ME - WE5 and SEA-US) to support fixed as well as mobile broadband businesses, while Telkomsel's Capex was mainly utilized for radio access network (BTS) development. Some portions of Capex were also utilized for other projects including tower, satellite, data center, and property.



#### **Mobile Services**

#### **Telkomsel Financial Result**

Telkomsel once again delivered a set of remarkable results for 2016 in terms of both financial and operational perspective. For the fifth consecutive year, we achieved triple-double-digit growth in Revenues, EBITDA and Net Income at 14.0%, 16.9% and 26.1% YoY, respectively, driven by the successful execution of our transformation with Digital Business as engine of growth and healthy performance in the Legacy business. Revenues grew to Rp86,725 billion with Digital Business continued to be the growth engine and posted 36.9% YoY growth, driven by Data which increased by 36.6% YoY and Digital Services which increased by 38.8% YoY. Digital Business accounted for 35.4% of total revenues, increased significantly from 29.5% a year ago. We were able to sustain our Legacy business despite Over The Top (OTT) cannibalization in SMS, which grew by 4.5% YoY (Voice +10.1% and SMS -3.3% YoY) due to successful execution of cluster-based pricing, market segmentation and superior network. EBITDA and Net Income margins were higher by 1.4ppt and 3.1ppt to 57.4% and 32.5%, respectively.

Despite a saturated market, Telkomsel was able to have a healthy growth in subscriber base of 13.9% YoY to 173.9 million attributable to effective sales and marketing programs. In line with our philosophy to always lead in network supply and grow our Digital Business, we deployed 25,744 new BTS during 2016 of which 92.4% were 3G/4G BTS. Our data traffic increased by 94.8% to 958,733 TB mainly fueled by high growth in 3G/4G capable device that reached 82.6 million (+33.9% YoY), or 47.5% of our customer base. In terms of infrastructure, by end of December 2016 our BTS on-air totaled 129,033 units (+24.9% YoY), 61.0% of which were 3G/4G BTS.

#### Statements of Profit and Loss

Statements of Front and Loss						
Financial Performance		YoY			QoQ	
(Rp. Bn)	FY16	FY15	Growth (%)	4Q16	3Q16	Growth (%)
Revenues	86,725	76,055	14.0	23,076	22,544	2.4
Legacy	56,066	53,652	4.5	14,589	14,605	(0.1)
Digital Business	30,659	22,403	36.9	8,488	7,939	6.9
Expenses incl. Depreciation & others	49,502	46,374	6.7	13,694	12,404	10.4
EBITDA	49,781	42,602	16.9	12,649	13,292	(4.8)
EBITDA Margin (%)	57.4%	56.0%	1.4ppt	54.8%	59.0%	(4.1ppt)
Net Income	28,195	22,368	26.1	7,169	7,614	(5.8)
Net Income Margin (%)	32.5%	29.4%	3.1ppt	31.1%	33.8%	(2.7ppt)
Proportion of Digital Business (%)	35.4%	29.5%	5.9ppt	36.8%	35.2%	1.6ppt

Telkomsel recorded operating revenues of Rp86,725 billion for FY16, an increase of 14.0% YoY.

- Prepaid revenue increased by 14.5% YoY to Rp74,904 billion, mainly driven by ARPU growth supported by the growth in data and legacy voice as well as growth in prepaid subscriber base which grew by 13.8% YoY to 169.7 million subscribers. Revenue from prepaid customers accounted for 86.4% of Telkomsels total revenue.
- Postpaid revenue increased by 20.2% YoY to Rp6,833 billion mainly driven by the increase in the postpaid customer base which grew by 19.1% YoY to 4.2 million subscribers. Revenue from postpaid



customers contributed 7.9% to total revenue.

■ Interconnection and International Roaming revenues increased slightly by 2.7% YoY to Rp4,560 billion, due to seasonal increase in traffic from other local operators.

In FY16, total expenses including depreciation and amortization increased by 6.7% YoY to Rp49,502 billion, lower than revenue growth of 14.0%, indicating Telkomsel operational efficiency.

- Operation & Maintenance expenses increased by 11.4% YoY to Rp21,096 billion in line with the Companys accelerated network deployment to maintain network quality, resulted in higher transmission and network space rental costs.
- Cost of Services decreased by 0.9% YoY to Rp3,488 billion with cost savings mainly from BlackBerry access fee.
- Interconnection & International Roaming charges increased by 1.2% YoY to Rp2,780 billion, in line with higher traffic from interconnection.
- Personnel expenses increased by 13.1% YoY to Rp4,265 billion, in line with increase in the number of employees and increase in salaries and benefits.
- Marketing expenses increased by 27.7% YoY to Rp3,455 billion primarily due to promotion of our 4G LTE program across the country and other aggressive marketing and sales activities in line with the companyos strategy to support festive season.
- General & Administration expenses increased by 5.5% YoY to Rp1,860 billion mainly attributable to higher training and development program as well as professional fees.
- Depreciation and Amortization expenses decreased by 1.3% YoY to Rp12,807 billion.

EBITDA and Net Income posted double digit growth with an increase of 16.9% YoY and 26.1% YoY respectively, with healthy EBITDA and Net Income margins at 57% and 33% respectively.

#### Statements of Financial Position

Statements of Financial Position (Rp Bn)	Dec-16	Dec-15	Growth (%)
Current Assets	28,818	25,660	12.3
Non-Current Assets	60,963	58,426	4.3
Total Assets	89,781	84,086	6.8
Current Liabilities	21,891	20,020	9.3
Non-Current Liabilities	8,520	12,565	(32.2)
Equity	59,370	51,502	15.3
Total Liabilities & Stockholders' Equity	89,781	84,086	6.8

As of 31 December 2016, total Assets increased 6.8% to Rp89,781 billion, total Liabilities decreased 6.7% to Rp30,411 billion and total Equity increased 15.3% to Rp59,370 billion.

■ Current Assets increased 12.3% to Rp28,818 billion, mainly due to increase in cash and cash



equivalents.

- Non-current Assets increased 4.3% at Rp60,963 billion, mainly attributable to the increase in intangible assets.
- Current Liabilities increased 9.3% to Rp21,891 billion mainly due to the increase in account payable and unearned revenue.
- Non-current Liabilities decreased 32.2% to Rp8,520 billion, mainly due to lower outstanding medium-term loans.
- Total Equity increased by 15.3% to Rp59,370 billion due to additional retained earnings as a result of the higher net income in this period.

#### **Cash Flow**

Net cash generated from operations in FY16 increased 17.7% YoY to Rp42,805 billion. Cash flow used in investment activities was Rp12,794 billion mainly for the payment of infrastructure spending. Net cash used in financing activities (exclude Dividend) were Rp4,731 billion, compared to Rp2,077 billion generated last year due to proceed from short & medium-term loans.

#### **Statements of Cash Flows**

#### For Full Year Ended December 31, 2016 and 2015

Statements of Cash Flows (Rp Bn)	FY16	FY15	Growth (%)
Cash Flow from Operating Activities	42,805	36,359	17.7
Cash Flow for Investing Activities	(12,794)	(12,951)	(1.2)
Cash Flow from (for) Financing Activities	(4,731)	2,077	(327.8)
Dividend Payment	(19,401)	(21,533)	(9.9)
Net Increase in Cash & Cash Equivalents	5,879	3,951	48.8
Cash and Cash Equivalents at Beginning of Years	13,802	9,851	40.1
Cash and Cash Equivalents at End of Years	19,681	13,802	42.6

#### **Debt Profile**

As of 31 December 2016, Telkomselos total outstanding loans amounted to Rp1,000 billion which will mature in 2018. Telkomsel Debt to Equity Ratio (DER), including finance lease, was 10.6%.

Telkomsel has to maintain several financial covenants related to its loans/debts. As of 31 December 2016 the covenants were as follows:

Covenants to be Maintained	Required	Actual
EBITDA to Debt Service	<sup>-</sup> 1.25	9.17
Debt to Tangible Net Worth	m2.00	0.02



#### **RESULTS BY SERVICE**

#### **Celullar Services**

As of 31 December 2016, Telkomsel served 173.9 million subscribers nationwide, an increase of 13.9% YoY. Out of the total base, 47.5% or 82.6 million were using 3G/4G capable device which grew strongly by 33.9% YoY.

#### Voice and SMS

We were able to sustain healthy revenue growth from voice, which increased by 10.1% YoY to Rp40,030 billion. The healthy growth in voice revenue mainly attributable to higher voice traffic (MoU) which increased by 3.1% YoY to 231.7 billion minutes. The higher traffic is mainly due to improvement in network quality, high proportion of base still using 2G handset devices, aggressive promotion to migrate from Pay As You Use (PAYU) to voice packages as well as growth in our customer base.

On the other hand, revenue from SMS declined by 3.3% YoY to Rp13,209 billion due to the decline in SMS traffic (-16.4% YoY to 182.8 billion units) as we have seen trend of OTT services cannibalization such as instant messaging applications.

#### **Digital Business**

Digital business remained our engine of growth with our focus to continue leading network supply in 3G and 4G infrastructure. This segment recorded strong performance with 36.9% YoY growth to Rp30,659 billion and increased its contribution to total revenue substantially to 35.4% from 29.5% last year.

Revenue from Data grew by 36.6% YoY to Rp27,708 billion, driven by healthy growth in 3G/4G capable device adoption (+33.9% YoY to 82.6 million users), successful migration of PAYU to Flash packages, as well as continued strong growth in data payload, which increased by 94.8% YoY to 958,733 TB. As of 31 December 2016, 19.0 million of our customers that have LTE devices have swapped to USIM to utilize 4G services.

Digital Services also grew strongly by 38.8% YoY to Rp2,951 billion. Key products and services within this segment included Digital Lifestyle (Music, Games, Video Contents, etc.), Digital Advertising, Mobile Financial Services (Mobile Banking, T-Cash, T-Wallet) and Enterprise Digital Services (T-Drive, T-Bike, etc.).

#### **Network Deployment**

Our focus on Digital Business was reflected from our network deployment. We continued to accelerate our network development with aggressive 3G/4G BTS deployment to support Digital Business as data traffic jumped 94.8% YoY. During FY16, Telkomsel built 25,744 new BTS, an increase of 44.1% YoY. Our 4G LTE deployment is on-demand basis, taking into account 4G handset penetration and level of demand in broadband cities. We have deployed 6,362 4G BTS to date. The network roll out brought total BTS on air to 129,033 units at end of December 2016, or increased by 24.9% YoY, of which 78,689 units were 3G/4G BTS (+43.3% YoY).



#### <u>ARPU</u>

Blended ARPU increased 5.2% YoY due to successful implementation of cluster-based pricing, market segmentation, higher quality customer base, increase in 3G/4G capable device penetration as well as strong growth in data payload resulted in overall higher ARPU contribution. We see the trend of higher ARPU contribution when customers migrate from 2G to 3G and also from 3G to 4G device. While data ARPU are still growing strongly, we started to see declining on voice ARPU and SMS ARPU due to cannibalization of OTT services.

The following table presents performance of our cellular business:

			YoY			QoQ	
Key Indicators	Unit	FY16	FY15	Growth (%)	4Q16	3Q16	Growth (%)
Customer Base							
Postpaid (kartuHalo)	Subs (000)	4,180	3,509	19.1	4,180	4,010	4.2
Prepaid (simPATI + Kartu As)	Subs (000)	169,740	149,131	13.8	169,740	159,690	6.3
Total	Subs (000)	173,920	152,641	13.9	173,920	163,700	6.2
Net Add							
Postpaid (kartuHalo)	Subs (000)	670	658	1.9	169	91	86.2
Prepaid (simPATI + Kartu As)	Subs (000)	20,608	11,397	80.8	10,050	6,221	61.6
Total	Subs (000)	21,279	12,055	76.5	10,220	6,312	61.9
TRAFFIC							
MoU (Total)	Bn Minutes	231.7	224.8	3.1	55.5	57.2	(3.1)
MoU (Chargeable)	<b>Bn Minutes</b>	204.8	191.2	7.1	49.8	52.0	(4.1)
SMS (Total)	Bn Units	182.8	218.7	(16.4)	41.6	44.6	(6.7)
SMS (Chargeable)	Bn Units	118.0	123.1	(4.1)	28.1	29.2	(3.8)
ARPU							
Postpaid (kartuHalo)	Rp.'000/month	151	162	(7.0)	150	152	(1.1)
Prepaid (simPATI + Kartu As)	Rp.'000/month	42	40	5.5	43	44	(4.1)
Blended	Rp.'000/month	45	43	5.2	45	47	(4.1)
NETWORK DATA							
BTS	Unit	129,033	103,289	24.9	129,033	124,097	4.0
DATA/BROADBAND							
3G/4G Capable Device	Unit (000)	82,647	61,712	33.9	82,647	76,374	8.2
Data Payload	TB	958,733	492,245	94.8	327,463	252,686	29.6
EMPLOYEE DATA							
Total employees	Person	5,191	4,902	5.9	5,191	4,990	4.0
Efficiency ratio	subs/employee	33,504	31,138	7.6	33,504	32,806	2.1



#### **Fixed Line Services**

#### **Consumer Services - IndiHome**

As of December 2016, total IndiHome subscribers reached 1.62 million. ARPU of IndiHome in 4Q16 was Rp341 thousand, improved from Rp313 thousand in the previous quarter. To improve IndiHome ARPU level, we encouraged customers to purchase various add-ons or to upgrade to higher speed services.

We enriched IndiHome with more content including video streaming platform and attractive features such as Moving an android-based app that allows subscribers to enjoy IPTV through their smartphone. Among the current packages are as follows:

	Packages Home phone call	Internet	UseeTV	Movin	Total incl
Packages					STB-ONT
INDIHOME Deluxe Triple Play (10Mbps)	1000' Local-LD	10 Mbps	Essential	Basic	478,000
INDIHOME Premium Triple Play (>10Mbps)	1000' Local-LD	20 Mbps	Essential	Basic	748,000
	1000' Local-LD	30 Mbps	Essential	Basic	1,018,000
	1000' Local-LD	40 Mbps	Essential	Basic	1,298,000
	1000' Local-LD	50 Mbps	Essential	Basic	1,498,000
	1000' Local-LD	100 Mbps	Essential	Basic	1,748,000

We launched IndiHome Netizen in December 2016 which is a 2P product consists of high speed internet and home phone to cater wider market segment. Among the current packages of IndiHome Netizen services are as follows:

Package	Home phone call	Internet	Movin	Total incl STB-ONT
INDIHOME Netizen Dual Play	1000' Local-LD	10 Mbps	Basic	368,000
	1000' Local-LD	20 Mbps	Basic	618,000
	1000' Local-LD	30 Mbps	Basic	888,000
	1000' Local-LD	40 Mbps	Basic	1,168,000
	1000' Local-LD	50 Mbps	Basic	1,368,000
	1000' Local-LD	100 Mbps	Basic	1,618,000

#### **Enterprise and Wholesale Services**

Telkom also delivers fixed line services to enterprise and wholesale business segments. Enterprise division provides access and connectivity as well as managed solution for 1,339 corporate customers, 299,900 SME customers and 944 government institutions. In terms of enterprise broadband service, our internal research estimated that Telkom has around 65% of traffic market share in the enterprise market with 2,524Gbps total bandwidth in service, part of which is in the form of integrated IT solution.

While in the wholesale business segment, Telkom serves other licensed telco players in Indonesia. Services vary from leased channel, data communication, connectivity, traffic transit, satellite to managed services. Parallel to our domestic digital services, we also develop several cross-border wholesale digital services within Telkomos international business subsidiaries.



#### **Backbone Networks**

We continuously expand our terrestrial and submarine backbone to support both our mobile and fixed business. In the end of 4Q16 we completed Sulawesi-Maluku-Papua Cable System (SMPCS) Extension and other domestic fiber optic backbone which spans more than 4,000 km.

In an effort to become international data hub, we completed Southeast Asia-Middle East-West Europe-5 (SEA-ME-WE-5) submarine cable system which spans 20,000 km from Dumai, Indonesia to Marseilles, France constructed in consortium with a number of telco operators. Including this cable system, our total fiber-based backbone network reached 106,600 km as of December 2016.

In addition to SEA-ME-WE-5, we are currently developing another major submarine cable system SEA-US (Southeast Asia. United States). The cable system is developed by a consortium of several operators, stretching 15,000 km long connecting Manado, Indonesia to Los Angeles, USA across the Pacific Ocean, and is scheduled for operation around 3Q17. As of December 2016 SEA-US progress was around 80%.

To connect SEA-ME-WE-5 and SEA-US with our domestic network, we are in the progress of deploying IGG (Indonesia Global Gateway) which spans 5,800 km and is expected to be completed in 1Q18. As of December 2016 IGG progress was almost 30%. The completion of SEA-ME-WE-5, SEA-US, and IGG will make an unparalleled network infrastructure.

Through those and some other projects we hope to expand 28,800 km more backbone cable system during 2017-2018. This expansion will greatly increase our network capacity and quality and help enhance our presence among international operators.

#### **Data Center**

On November 22, 2016 our subsidiary Telin Singapore, officially opened a world class Data Center in Jurong Singapore. It has 20,000 sqm data center facility and adopts multi-tier design, targeting regional and global corporate.

#### **Smart Government Initiative**

Telkom Group supports smart government initiative especially local government cities, in an effort to modernize the city management by implementation of IT-based public services system. Telkom provides broadband infrastructure and cloud-based solution to help government improve their services to public. Telkom has already implemented smart city system in 219 cities.

#### **Switching Network Modernization**

In line with our transformation program, we keep modernizing our switching nodes from copper-based to IP-based since 2012. Until December 2016 we have been shutting down 190 copper-based switching nodes out of total 1,250 old switching nodes throughout Indonesia. We expect by 2020 all switching nodes will be IP-based. This modernization will improve efficiency in space, power supply and maintenance cost in the network operation and enhance our access quality and capacity.

#### **Satellites**

We have launched Telkom 3S in February 15, 2017 (February 14, 2017 in Kourou, France local time). The satellite investment totaled to US\$215 millions with expected lifespan of 17 years. It carries 42 transponders consist of 24 C-Band, 8 extended C-Band, 4 Ku-Band and 6 extended Ku-Band transponders. The Ku-Band technology was not available yet in both previous satellite Telkom 1 and Telkom 2. The satellite launch will reduce the dependency to foreign satellite operators.



Telkom is also going to launch another satellite, Telkom-4, in 2Q18. It has higher capacity as it will carry 48 C-Band and 12 extended C-Band transponders. As of December 2016, the progress of this project was around 41.8%.

#### **Recent Development**

- Depositary Receipt Ratio Change. Telkom is listed at New York Stock Exchange where its shares are traded through Depositary Receipt (DR) program with DR ratio of 1 (one) Depositary Share representing 200 (two hundred) ordinary shares. Effective October 26, 2016, the DR ratio change to 1 (one) Depositary Share representing 100 (one hundred) ordinary shares.
- Inauguration of Telin-3 Data Center. On November 22, 2016, Telin Singapore held the opening ceremony of its Telin-3 data center located in Singapore Data Center Park (DCP) in Jurong. With 20,000 sqm facility area, Telin-3 is a certified multi-tier data center aimed to fulfill the growing demand of digital business ecosystem in Singapore and around the region.
- Interim Dividend Payment . On December 8, 2016, Telkom announced the schedule of interim dividend for the fiscal year of 2016. The total amount of interim dividend distributed was Rp1,919,726,695,491.40 or Rp19.3790 per share. The interim dividend has been distributed on December 27, 2016.
- Commencement of SEA-ME-WE 5 Cable System Operation . In line with Telkomos objective in making Indonesia the worldos telecommunication hub, on December 28, 2016 Telkom officially commenced the operation of SEA-ME-WE 5 cable system. The cable system stretches 20,000 km long from Dumai, Indonesia to Marseille, France.
- Interbank Switching Company. Telkom has established a wholly-owned subsidiary named PT Jalin Pembayaran Nusantara (JPN) in November 2016. Furthermore in 2017, the four Indonesian state-owned banks (HIMBARA) will join the company as shareholders, leaving Telkom as minority shareholder in 2017. This company will serve as the banksqATM switching network with trade name LINK, which shall incorporate respective banksqswitching platform and deliver services such as cash withdrawal, balance checking, fund transfer, and bill payments through various end nodes (ATM or EDC). JPN has obtained necessary license from Indonesian authorities, including central bank (BI). JPN is expected to create efficiency and leverage the state-owned banksqlarge captive market to help advance its growth.

#### **Product and Marketing Activities**

#### **Fixed Line & Enterprise**

■ IndiHome Netizen (Dual Play) is a new IndiHome package offered to customers providing them with two-play services i.e. telephony and internet services. The package ranges in internet speed from 10Mbps to 100Mbps. During promotional period, customers can also enjoy some OTT features including CATCHPLAY and iflix.

#### Mobile

■ VideoMax was launched as campaign program providing access to thousands of premium video experiences (Indonesian, Asian & Hollywood blockbuster movies and series). Telkomsel customers can access these contents through HOOQ & VIU applications as our strategic partner at no additional



charge. VideoMax has 3 data packages variant for movie lovers with affordable prices and quota up to 12GB.

■ Telkomsel launched **Pesta Akhir Tahun** program to appreciate and increase customer loyalty with a chance to win various prizes including four BMW Series 3, six Toyota Sienta, 100 Honda Beat, 500 LG K4 Smartphone and 1,000 packages of credit worth Rp1 million each by purchasing selected products and redeemed POIN at \*123# or MyTelkomsel App.

#### ADDITIONAL INFORMATION

#### Awards & Recognition

During 4Q16, we have been awarded by several institutions for our achievements, among others:

- Good Corporate Governance Award 2016 for Telkom as The Most Trusted Company based on Corporate Governance Perception Index and Investors and Analysts Assessment Survey from the Institute for Corporate Governance (IICG).
- Tokoh Finansial Indonesia Award 2016 for Telkom as The Best SOE 2016 for non-financial, telecommunication and broadcasting sector, and for Alex J. Sinaga as Top Executive of Listed Company 2016 from Investor Magazine.
- *Top Infrastructure Award 2016* for Telkom as Top Infrastructure on Telecommunication Sector 2016 from Business News Indonesia Magazine.
- TOP IT & Telco 2016 Award for Telkom as Best Company in IT and Telco Sector in Indonesia, Top IT Corporate Best Practice, Top IT Special Recognition, Top CSR based on IT, Top Internet Service Provider for IndiHome, and Top IT Leadership for Alex J. Sinaga from Ministry of ICT and I-Tech Magazine.
- Economic Challenges Award 2016 for Telkom in Telecommunication Sector from Metro TV.
- Indonesia Customer Satisfaction Award 2016 for IndiHome as No. 1 Brand in Internet Service Provider Wireline/Fixed category from Frontier Consulting Group and SWA Magazine.
- Asia Corporate Excellence & Sustainability Awards 2016 (ACES) for Telkom as Top Companies to Work For in Asia from MORS Group.
- Corporate Governance Conference & Awards for Telkom as The Best State-Owned Enterprise and Top 50 Public Listed Companies from Indonesian Institute for Corporate Directorship (IICD).
- Golden World Awards 2016 for Telkom in Digital Media Relations and Social Media for PR categories from The International Public Relations Association (IPRA).
- 9<sup>th</sup> Annual Indonesia Excellence Awards for Telkom as Indonesia Telecom Service Provider of the Year, for TelkomSigma as Indonesia Data Center Provider of the Year and Indonesia Telco Big Data Service Provider of the Year, for Telkomtelstra as Indonesia Managed Service Provider of the Year, and for Infomedia as Indonesia Contact Center Outsourcing Service Provider of the Year from Frost & Sullivan.
- The 2016 International Business Award (IBA) for Telkom receiving 7 Gold Stevie Winners, 6 Silver Stevie Winners, 6 Bronze Stevie Winners and the Grand Stevie Award from The International Business Awards.



- The IDX Best Blue 2016 for Telkom from Indonesia Stock Exchange.
- Global Carrier Awards (GCA) 2016 for Telin as the Best IP Transit (IPX) Service from Capacity Media.
- Carriers World Awards 2016 for Telin as Best Regional Carrier Wholesale from Total Telecom.
- World Communication Awards (WCA) 2016 for Ririek Adriansyah as CEO of The Year 2016 from Total Telecom.
- Broadband Awards 2016 for Telkomsel as Top 5 Best Customer Experience Innovation (Bill Shock Prevention through PAYTU Landing Page & Usage Control through LoopKita Application and Top 5 Best Wireless Broadband Innovation (SMOLE . Small Cell Mobile Technology Enhanced) from Broadband World Forum 2016.
- Brand Activation Award 2016 for Telkomsel DigiLife Festival as The Best Brand Engagement Activation 2016 from Mix-Marcomm Magazine.
- Frost & Sullivan Indonesia Excellence Awards 2016 for Telkomsel in 2 categories: Indonesia M-Money Service Provider of the Year and Indonesia Mobile Service Provider of the Year from Frost and Sullivan.
- Top Telecommunication Award (Top Telco) 2016 for simPATI with Appreciation for Internet Data 4G LTE 2016 from itech Magazine.
- MarkPlus Asia Conference 2016 for Telkomsel as The Best Industry Marketing Champion from MarkPlus Inc.
- Indonesia WOW Service Excellence Award 2016 for Jawa & Sumatera Region (Gold Champion), for Sulawesi & Papua (Silver Champion), for Bali & Kalimantan (Bronze Champion) and National Gold Champion Service Excellence from Markplus. Inc.



# Table 1 PERUSAHAAN PERSEROAN (PERSERO) PT. TELEKOMUNIKASI INDONESIA Tbk AND SUBSIDIARIES CONSOLIDATED STATEMENT OF FINANCIAL POSITION As of December 31, 2016 (Figures in tables are expressed in billions of Rupiah, unless otherwise stated)

(Figures in tables are expressed in billions of h	Rupian, uniess otherwise 2016	2015	Growth (%)
ASSETS	<del></del>		
CURRENT ASSETS Cash and cash equivalents	29,767	28,117	5.9
Other current financial assets	1,471	2,818	(47.8)
Trade receivables . net of provision for impairment of receivables		,	, ,
Related parties	894	1,104	(19.0)
Third parties Other receivables . net of provision for impairment of receivables	6,469 537	6,413 355	0.9 51.3
Inventories . net of provision for obsolescence	584	528	10.6
Advances and prepaid expenses	5,246	5,839	(10.2)
Claim for tax refund Prepaid taxes	592 2,138	66 2,672	797.0 (20.0)
Assets held for sale	3	-	100.0
Total current assets	47,701	47,912	(0.4)
NON-CURRENT ASSETS		,	(** ')
Long-term investments	1,847	1,807	2.2
Property and equipment . net of accumulated depreciation	114,498	103,700	10.4
Prepaid pension benefit cost	199	1,331	(85.0)
Advances and other non-current assets Intangible assets . net of accumulated amortization	11,508 3,089	8,166 3,056	40.9 1.1
Deferred tax assets . net	<u>769</u>	201	282.6
Total non-current assets	131,910	118,261	11.5
TOTAL ASSETS	179,611	166,173	8.1
LIABILITIES AND EQUITY CURRENT LIABILITIES  Trade payables Related parties Third parties Other payables Taxes payable Accrued expenses Unearned income Advances from customers and suppliers Short-term bank loans Current maturities of long-term borrowings  Total current liabilities  NON-CURRENT LIABILITIES Deferred tax liabilities . net Unearned income Other liabilities Long-term liabilities . net of current maturities	1,547 11,971 172 2,954 11,283 5,563 840 911 4,521 39,762  745 425 29 613 6,126 26,367	2,075 11,919 290 3,273 8,247 4,360 805 602 3,842 35,413  2,110 371 11 501 4,171 30,168	(25.4) 0.4 (40.7) (9.7) 36.8 27.6 4.3 51.3 17.7 12.3 (64.7) 14.6 163.6 22.4 46.9 (12.6)
Total non-current liabilities	34,305	37,332	(8.1)
TOTAL LIABILITIES	74,067	72,745	1.8
EQUITY		,	0
Capital stock Additional paid-in capital Treasury stock Other equity Retained earnings Appropriated Unappropriated	5,040 4,931 (2,541) 339 15,337 61,278	5,040 2,935 (3,804) 508 15,337 55,120	68.0 (33.2) (33.3)
Net equity attributable to:		<b></b>	
Owners of the parent company Non-controlling interests	84,384 21,160	75,136 18,292	12.3 15.7
TOTAL EQUITY	105,544	93,428	13.0
TOTAL LIABILITIES AND EQUITY	179,611	166,173	8.1
	· ·	•	



## Table 2 PERUSAHAAN PERSEROAN (PERSERO) PT TELEKOMUNIKASI INDONESIA Tbk AND SUBSIDIARIES CONSOLIDATED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME For the Year Ended December 31, 2016

(Figures in tables are expressed in billions of Rupiah, unless otherwise stated)

(Figures in tables are expressed in billions o	2016	2015	Growth (%)
REVENUES	116,333	102,470	13.5
Operations, maintenance and telecommunication service expenses	(31,263)	(28,116)	11.2
Depreciation and amortization expenses	(18,532)	(18,534)	(0.0)
Personnel expenses	(13,612)	(11,874)	14.6
Interconnection expenses	(3,218)	(3,586)	(10.3)
General and administrative expenses	(4,610)	(4,204)	9.7
Marketing expenses	(4,132)	(3,275)	26.2
Loss on foreign exchange . net	(52)	(46)	13.0
Other income	750	1,500	(50.0)
Other expenses	(2,469)	(1,917)	28.8
OPERATING PROFIT	39,195	32,418	20.9
Finance income	1,716	1,407	22.0
Finance costs	(2,810)	(2,481)	13.3
Share of profit (losses) of associated companies	88	(2)	(4,500.0)
PROFIT BEFORE INCOME TAX	38,189	31,342	21.8
INCOME TAX (EXPENSE) BENEFIT			
Current	(10,738)	(8,365)	28.4
Deferred	1,721	340	406.2
- -	(9,017)	(8,025)	12.4
PROFIT FOR THE YEAR	29,172	23,317	25.1
OTHER COMPREHENSIVE INCOME Other comprehensive income to be reclassified to profit or loss in subsequent periods: Foreign currency translation Change in fair value of available-for-sale financial assets	(40) 0	128 (1)	(131.3) 100.0
Share of other comprehensive income of associated companies	(1)	(2)	50.0
Other comprehensive income not to be reclassified to profit or loss in subsequent periods:			
(Loss)/gain actuarial - net	(2,058)	506	(506.7)
Other comprehensive income . net	(2,099)	631	(432.6)
TOTAL COMPREHENSIVE INCOME FOR THE YEAR	27,073	23,948	13.0
Profit for the year attributable to:			
Owners of the parent company	19,352	15,489	24.9
Non-controlling interests	9,820	7,828	25.4
<u>-</u>	29,172	23,317	25.1
Total comprehensive income for the year attributable to:			
Owners of the parent company	17,331	16,130	7.4
Non-controlling interests	9,742	7,818	24.6
	27,073	23,948	13.0
BASIC AND DILUTED EARNINGS PER SHARE (in full amount)			
Net Income per share	196.19	157.77	24.4
Net Income per ADS (100 Series B shares per ADS)	19,619.11	15,777.00	24.4



### Table 3 PT TELEKOMUNIKASI SELULAR (TELKOMSEL) STATEMENTS OF FINANCIAL POSITION

#### AS OF DECEMBER 31, 2016 (AUDITED) WITH COMPARATIVE FIGURES AS OF DECEMBER 31, 2015 (AUDITED)

(figures are presented in billions of Rupiah)

	DEC 2016	DEC 2015	Growth (%)
ASSETS	·	_	
CURRENT ASSETS			
Cash & cash equivalents	19,681	13,802	42.6
Accounts receivables	2,693	2,706	(0.5)
Accrued income	498	461	8.0
Current portion of long-term prepayments	5,344	5,458 3,233	(2.1)
Others Total Current Assets	602 <b>28,818</b>	25,660	(81.4) <b>12.3</b>
Total Current Assets	20,010	25,660	12.3
NON-CURRENT ASSETS			
Long-term investment	7	7	0.0
Fixed assets-net	54,259	54,112	0.3
Advances for fixed assets	72	134	(46.7)
Intangible assets-net	4,609	1,877	145.5
Prepayments . Non-current portion	1,917	2,096	(8.5)
Others	98	199	(50.6)
Total Non-current Assets	60,963	58,426	4.3
TOTAL ASSETS	89,781	84,086	6.8
LIABILITIES AND EQUITY			
CURRENT LIABILITIES			
Accounts payable & accrued liabilities	13,973	12,730	9.8
Taxes payable	2,011	2,487	(19.1)
Unearned revenue	5,192	4,092	26.9
Current maturities of medium-term & long-term loans	-	111	N/A
Current maturities of oblig. under finance leases	715	599	19.2
Other current liabilities	0.7	<del></del>	N/A
Total Current Liabilities	21,891	20,020	9.3
NON-CURRENT LIABILITIES			
Medium-term & long-term loans - net of current maturities	999	5,061	(80.3)
Obligations under finance lease - net of current maturities	4,603	4,899	(6.0)
Deferred tax liabilities	1,201	1,392	(13.7)
Others	1,717	1,213	41.6
Total Non-current Liabilities	8,520	12,565	(32.2)
EQUITY			
Capital Stock - Rp1,000,000 par value			
Authorized - 650,000 shares			
Issued and fully paid - 182,570 shares	183	183	0.0
Additional paid-in capital	1,505	1,505	0.0
Retained earnings	57,683	49,815	15.8
Total Equity	59,370	51,502	15.3
TOTAL LIABILITIES AND EQUITY	89,781	84,086	6.8
		,	5.5



## Table 4 PT TELEKOMUNIKASI SELULAR (TELKOMSEL) STATEMENTS OF PROFIT AND LOSS FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015 (AUDITED)

(figures in tables are presented in billions of Rupiah)

	2016	2015	Growth (%)
REVENUES			
Postpaid	6,833	5,683	20.2
Prepaid	74,904	65,434	14.5
Interconnection & international roaming	4,560	4,442	2.7
Others	427	496	(13.8)
Total Revenues	86,725	76,055	14.0
EXPENSES			
Operation & maintenance	21,096	18,944	11.4
Depreciation & amortization	12,807	12,976	(1.3)
Cost of services	3,488	3,522	(0.9)
Interconnection & international roaming	2,780	2,747	1.2
Personnel	4,265	3,770	13.1
General & administration	1,860	1,763	5.5
Marketing	3,455	2,707	27.7
Others - net	(249)	(55)	356.4
Total Expenses	49,502	46,374	6.7
Finance income (charges) - net	234	51	363.3
INCOME BEFORE TAX	37,458	29,731	26.0
INCOME TAX EXPENSE	(9,263)	(7,363)	25.8
NET INCOME	28,195	22,368	26.1
ЕВІТОА	49,781	42,602	16.9
EBITDA Margin- over revenues	57.4%	56.0%	1.4ppt
ROA	32.4%	27.4%	5.1ppt
ROE	50.9%	43.4%	7.4ppt