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The Sustainability

Yearbook 2023











### **3Q23 Key Highlight**





Thai economy gradually recovered amid global economic headwinds



Mobile growth from value uplifts in targeted segments and 5G leadership



Rebounded growth with economic Business certainty focusing in high-margin services



Core service revenue growth with quality focus despite low season



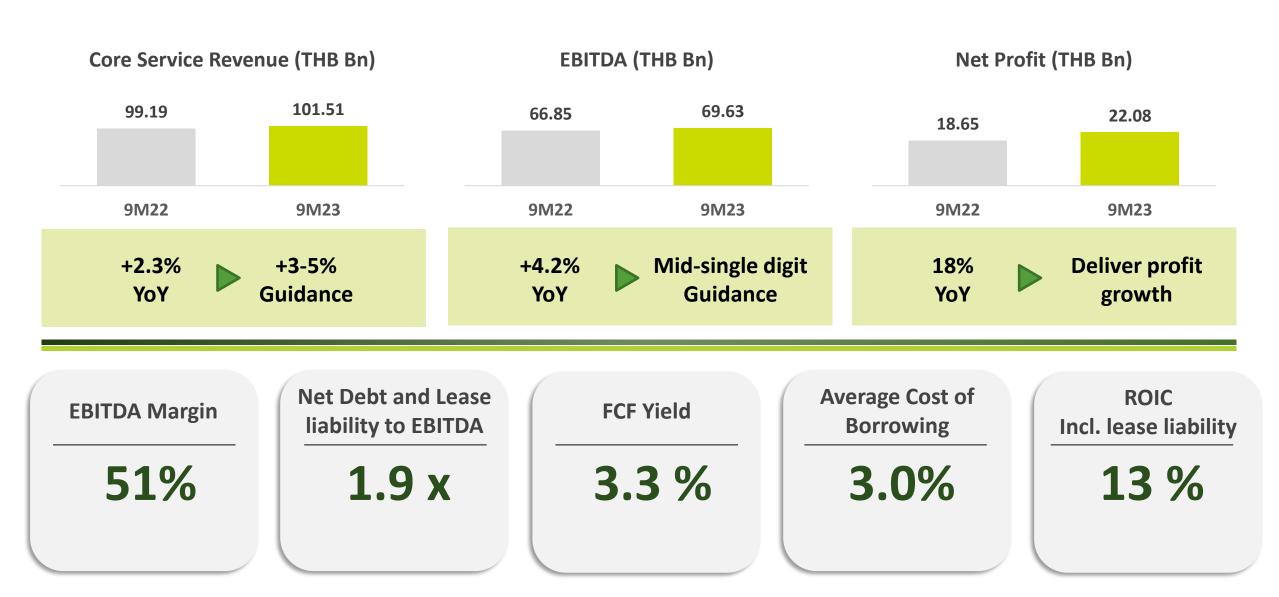
**Broadband momentum** AIS with quality acquisition and services in capturing new demand



**Sustaining profitability** with strong operating performance and cost discipline



### 9M23 Performance driven by operational efficiency and value-focus



### Key Updates in the new growth areas



**Mobile** 

**Broadband** 

**Enterprise** 

**Digital Business** 

# 700MHz Collaboration with NT

Strengthen 5G coverage across Thailand



### 3BB & JASIF

Scale up broadband business with widening service coverage



### **GSA Data Center**

Growth opportunity in complimentary service



### **Virtual Bank**

Digital service beyond connectivity





### **Strategic Direction towards becoming Cognitive Tech-Co**

### Unleash Excellence in Digital Customer Experience

### **Customers**

### Mobile

Drive 5G experience & monetization

### Fixed Broadband

Growth engine with significant scale

# **Enterprise Business**

Accelerate Digital Transformation for Business

### Digital Service

Build digital adjacencies to engage customers

#### **Autonomous Network**

Enhance Reliability, Quality and Operation

### IT Intelligence

Enhance Agility, Stability and Security

### Data Insight & Customer Care

Enhance Interactive, Personalized and Real-time Experience

AIS Ecosystem of Loyalty Program & Partnership

### **MOBILE**

Value-based Offerings
5G Monetization
Profitable Market Share

### **BROADBAND**

Expand to new area
Lead with service quality & product bundling
3BB Acquisition

#### **ENTERPRISE**

Grow in connectivity
Upsell opportunity in Cloud
Build selected 5G verticals expertise

#### **OPERATIONAL EFFICIENCY**

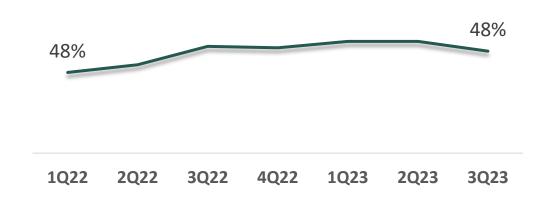
Optimize cost to serve Drive automation & digitalization





### Mobile Business: Drive with quality & value-based offerings

### **Solid performance in Revenue Market Share**



### **ARPU bounced back from Cross-sells & Upsells**

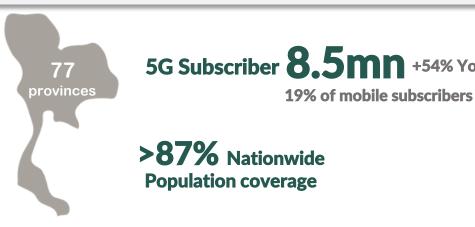


### **Resilient revenue growth from Quality Acquisition**





### **Expanded 5G adoption & coverage**

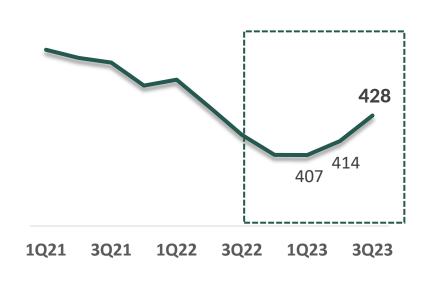




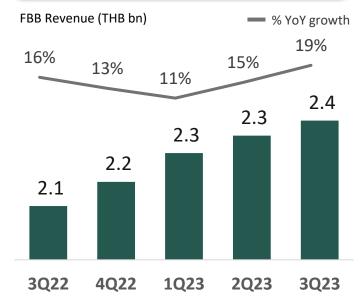


# Rebounded from value packages and product bundling

FBB ARPU (THB/subs/month)



# Revenue growth boosted by expanded service coverage



Potential growth in broadband penetration & Home pass rate

**48%** Broa

Broadband penetration In Thailand

8.8<sub>mr</sub>

AIS home pass FBB footprint

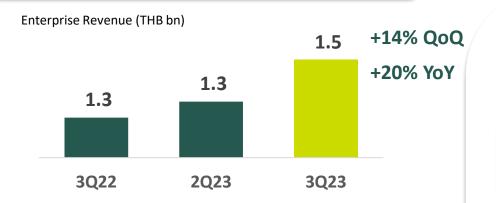
2.4<sub>mr</sub>

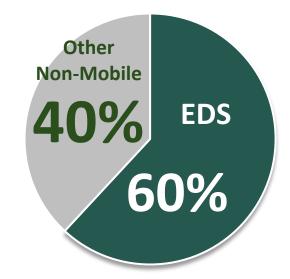
AIS Broadband Subscribers



### **Enterprise Business: Towards multi-product relationship**

### **Enterprise Revenue & Revenue mix**





Enterprise non mobile revenue mix as of 9M23

#### From Telco to Vertical solutions

**Enterprise Telco and Connectivity service** 

**Platform and Generic Solution** 

### **Vertical Solutions in specific 4 industries**



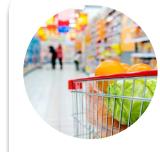
Manufacturing



Transportation & Logistics



**Property** 



Retails

Leading financial strengths in rationalized market

Opportunity to scale up from M&A and partnership

Efficient cost structure to deliver strong return





Driving Long-term
Sustainable Business
Operation



# AIS

# SUSTAINABILITY STRATEGY THRIVING IN A GREENER AND INCLUSIVE DIGITAL WORLD

### **Drive Digital Economy**

Enable people and businesses to grow in the digital economy

### **Promote Digital Inclusion**

Build inclusive and responsible digital access in our products & services

### Act on Climate

Shape a greener future of life for consumers and society

4.5% of Enterprise non-mobile Revenue in 3Q23

Grow in the new digital business

ัAIS อุ่นใจ CYBER Thailand Cyber Wellness Index (TCWI) by AIS

**Thailand Cyber Wellness Index** 



Scope III Assessment

**AIS HUB OF E-WASTE** 



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## **SUSTAINABILITY TARGET**



### **Drive Digital Economy**

#### 1. Digital Innovation:

 8% of revenue generated from new digital by 2027

# 2. Cyber Security and Customer Privacy Protection

- Uphold security standards equivalent or better than peers by 2027
- Enhance cyber security and data privacy to protect the critical business value chains by 2025

#### 3. Human Resource Management

 90% of AIS employees are equipped with new digital skills by 2025

### **Promote Digital Inclusion**

#### 4. Social Inclusion

 Improve the socio-economic condition of 5 million people by 2027

### 5. Digital Wellness

 Empower digital citizenship of 3 million people by 2027

### **Act on Climate**

#### 6. Climate Actions

Short-term target (2023)

- Reduce GHG emissions intensity by 90% compared to the baseline in 2015
- Increase renewable energy usage to 5% of total energy consumption

#### Long term target

Net-zero emissions by 2050

#### 7. Waste Management

Short term target (2023)

Zero e-waste to landfill by 2023

Long term target

Maintain zero e-waste to landfill



### SUSTAINABILITY PROGRESS

### **Drive Digital Economy**

#### 1. Digital Innovation

 4.1% of revenue generated from new digital services

# 2. Cyber Security and Customer Privacy Protection

- AIS score in Cyber Resilience Survey was higher than the average score of the listed companies
- Revised supplier assessment on cyber security and data privacy

### 3. Human Resource Management

 Executive-level employees score higher than global average in digital skills

### **Promote Digital Inclusion**

#### 4. Social Inclusion

 Improve socio-economic condition of 2.20 million people through our digital solutions

#### 5. Digital Wellness

 210K people participating in AUNJAI CYBER Projects

### **Act on Climate**

#### 6. Climate Actions

- Reduce GHG emissions intensity by 91% (base year 2015)
- 1.73% renewable energy

#### 7. Waste Management

• 0% of non-recyclable e-waste

### **KEY UPDATE IN 3Q23**



### **AIS E-Waste+**

AIS aims to be a HUB OF E-WASTE aligns with the goal zero e-waste to landfill in 2023. Recently AIS had developed partnership with 190 partners from both public and private organizations to drive sustainable solutions targeting e-waste problems and raise awareness on the importance of recycling e-waste correctly.





### Drive Digital Economy: Enable people and businesses to grow in the digital economy

#### **Digital innovation**

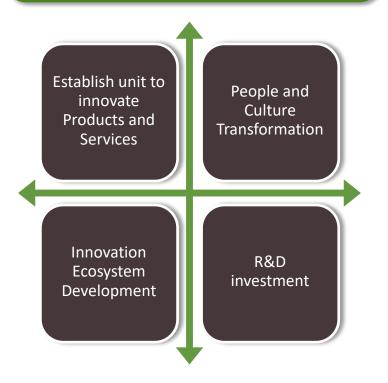
Drive digital services for both consumers & enterprises

**Data Privacy & Cybersecurity** 

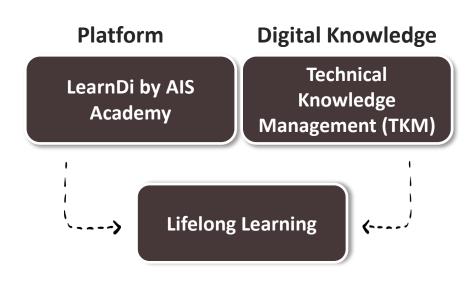
Maintain resiliency for data security and privacy

**Human Capital Development** 

Nurture AIS human capital to support business growth

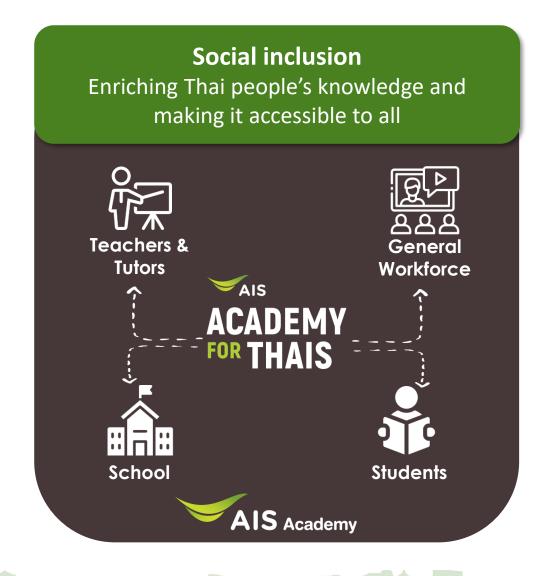








### **Promote Digital Inclusion: Build inclusive and responsible digital access**



### **Digital wellness**

Empower digital citizenship by providing digital solutions and tools





### Act on climate: shape a greener future of life for consumers and society

#### Climate actions Manage our own network and operation to be light to the environment Renewable Smart Energy Efficiency Solutions energy **12,094** †CO2e 13,414 tCO2e Machine 8,751 Monitoring by IoT 5,768 Upgrade network equipment 2,747 • Use big data to manage network FY20 FY21 FY22 **Facility Monitoring** No. of base stations by IoT sensors with solar cell

Waste Management
Promote proper waste disposal







Waste separation at office building

Drop-off with postman campaign

Raising awareness



Non-recyclable E-waste from network operation

0%

E-waste collected from customers

237,880 pieces\*

\*Data as of Dec 2022

### **Sustainability Awards & Disclosure Standard**



### **Disclosure Standard**









### **ESG Index & Rating**



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### **Sustainability Awards**



IDC Future Enterprise Awards



SET AWARDS 2022 Sustainability Excellence Highly Commended





3Q23 Performance







### **Unleash Excellence in Digital Customer Experience**







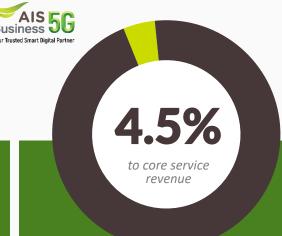
Focusing on highquality subs acquisition

Bt3.0bn

As of 3Q23

Growth 19% YoY

# **Enterprise non-mobile Business**



Providing end-to-end solutions for industry

Bt1.5bn

As of 3Q23

Growth 20% YoY

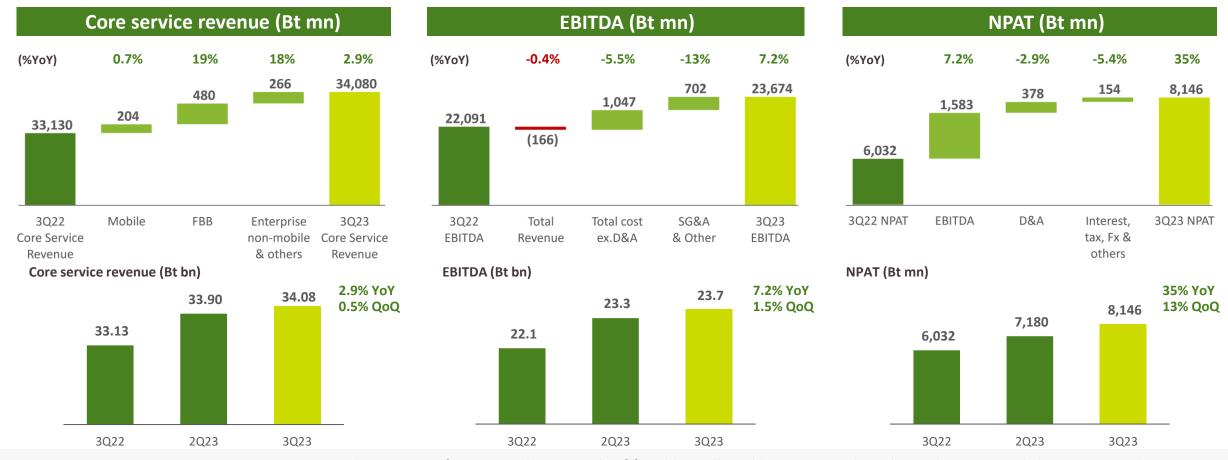
### **Digital Services**



Building digital adjacencies to engage customers



### **3Q23:** Bottom-line growth from profitability focus in all areas



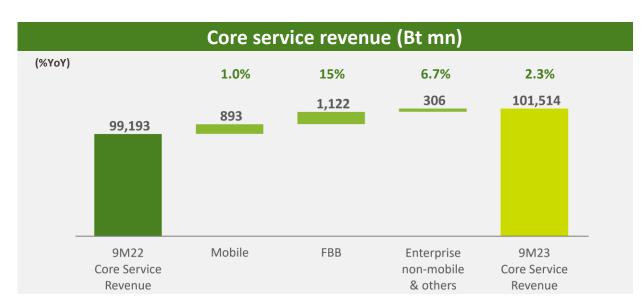
Core Service Revenue increasing 2.9% YoY and 0.5% QoQ from a quality growth of fixed broadband business and a rebound in non-mobile enterprise business.

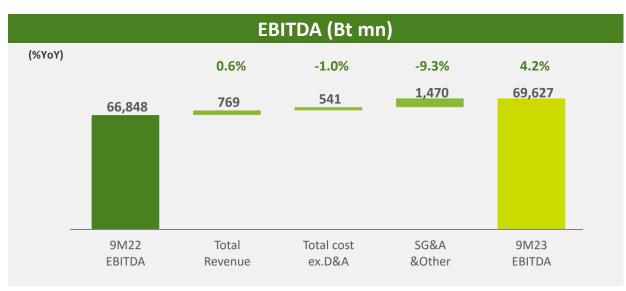
**EBITDA** increasing 7.2%YoY and 1.5% QoQ with a healthy margin of 51% from service revenue growth, lower pressure in utility cost, as well as efficient cost management in marketing expenses.

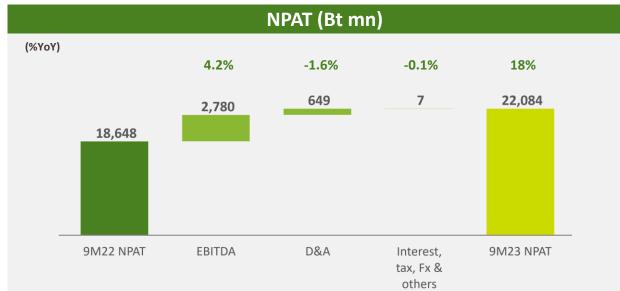
**NPAT** increasing 35% YoY and increasing 14% QoQ benefited from a better operating performance, fully depreciated 3G assets, and one-time gain recognized in this quarter.



### **9M23**: Top-line expansion brought in strong profit delivery



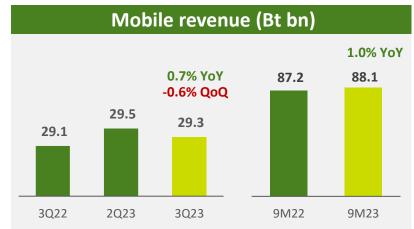




- Core Service Revenue increased 2.3% YoY driven by growth in mobile and FBB following improved economy especially in tourist related sectors and focused on quality acquisition, while enterprise business grew mid-single digit from focus on highmargin services.
- **EBITDA improved 4.2**% **YoY**, following the profitable focus together with efficiency cost management.
- NPAT showed 18% growth YoY following better operating performance, lower depreciation cost, and one-time item.

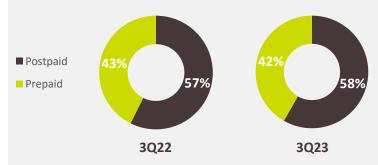


### Mobile: positive momentum with quality focus in targeted segment



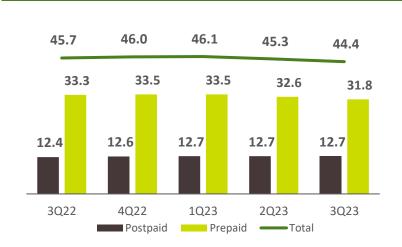
 3Q23 revenue improved YoY from increased tourist-related revenue and efforts to provide value uplifting services, while softened QoQ from seasonality.

#### % Mobile Revenue Contribution

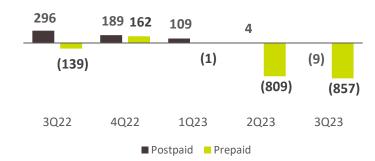


Postpaid revenue mix continued growing from upselling strategy.

#### Total subscriber (mn)



#### Net additional subscriber ('000)



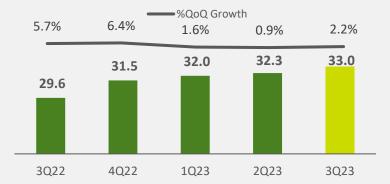
 Net loss in 3Q23 was affected by the reduction of gross additional subs from the strict prepaid identification process and quality focus, while churn subs remained stable.

### Mobile ARPU (Bt/sub/month)



 ARPU increased YoY and QoQ from continuous value uplifting efforts in cross-sells and upsells.

#### **Data Consumption**



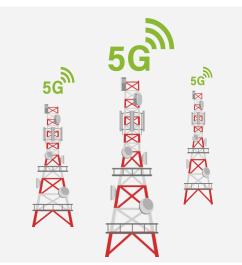
 Data consumption increased with genuine customer demand and higher 5G adoption.







#### NT signed telecommunication equipment rental from AWN



# 13,500 sites

- NT rents 5G network equipment and roaming service from AIS for their customers.
- AIS receives rental and roaming revenues.

### AWN acquired 5MHz bandwidth of 700MHz from NT

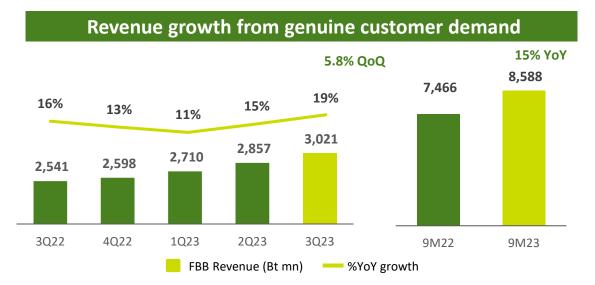


## **700MHz**

 Acquire 5MHz to make up 20MHz in total bandwidth to strengthen 5G coverage and capacity.

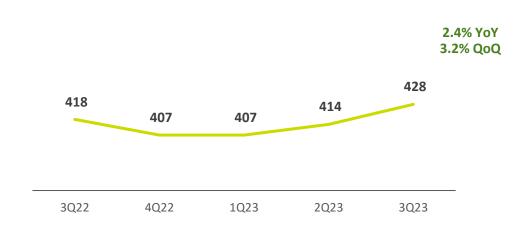


### Home Broadband: Sustaining growth with superior value-enhancing services

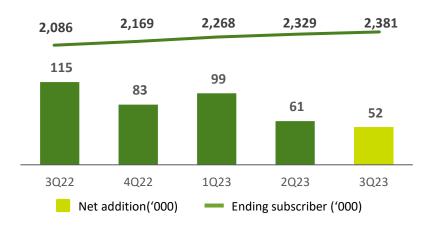


#### ARPU growth driven by valued packages

FBB ARPU (Baht per month)



#### Quality new subscribers from under-penetrated areas



#### Value-added services with superior products



Value Uplift from Cross-sell & Upsell

Innovation-Led Product Differentiation

Service Quality
Excellence
In 24Hrs

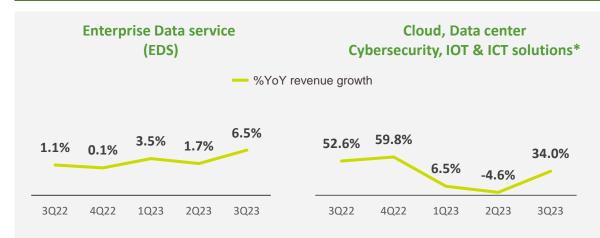


### **Enterprise non-mobile:** Rebounded with a focus in high-margin products

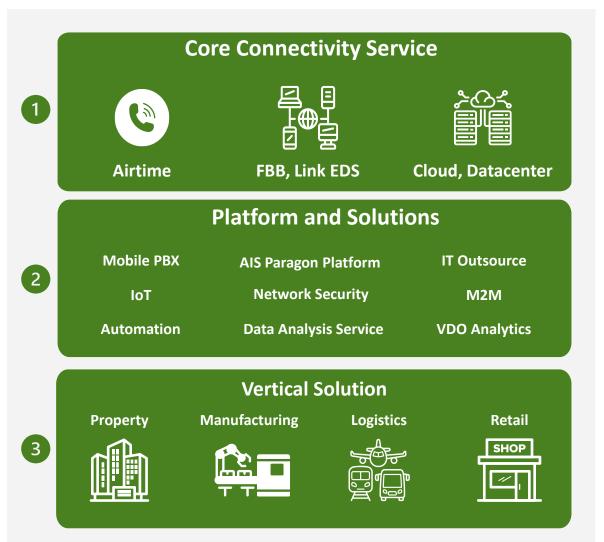
#### Selective growth in targeted industries and products



### Stable demand in connectivity with a rebound from Cloud



#### **Product offerings to deepening relationship with clients**





### **FY23** Guidance: maintained with positive outlook

	Guidance	9M23	Rationale
Core service revenue	Around 3-5%	+2.3%	<ul> <li>Mobile business focusing on profitable market share through superior 5G experience in quality and coverage, value-based differentiation of partnership privileges ecosystems, and personalized real-time offering.</li> <li>Fixed broadband maintains the growth momentum focusing on mid-to-high-end segments and underserved areas led by quality acquisition and services.</li> <li>Enterprise non-mobile to focus on profitable products in targeted industries growing EDS business, vertical solution with 5G Paragon Platform and CloudX.</li> </ul>
EBITDA	Mid-single digit growth	+4.2%	<ul> <li>Focus on profitability and higher efficiency through process optimization and lower cost to serve by enhancing autonomous network and IT process &amp; systems.</li> <li>Optimal capital allocation to ensure market leadership and deliver distinctive customer experiences.</li> </ul>
CAPEX *exclude spectrum	Bt27-30bn (depending on foreign exchange rate)	19bn	<ul> <li>Sustain 5G leadership and network quality management.</li> <li>Expand AIS Fibre coverage to capture untapped demand.</li> <li>Enhance our enterprise business and digital services with high growth potential.</li> <li>Network optimization through reducing low-value traffic, shifting traffic towards 5G while ensuring sufficient network deployment.</li> </ul>

(FY23 Guidance excluding 3BB impact)

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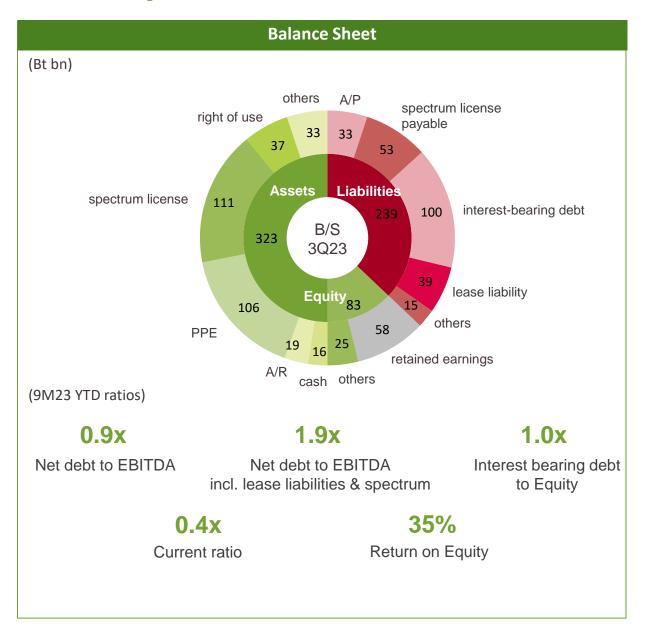


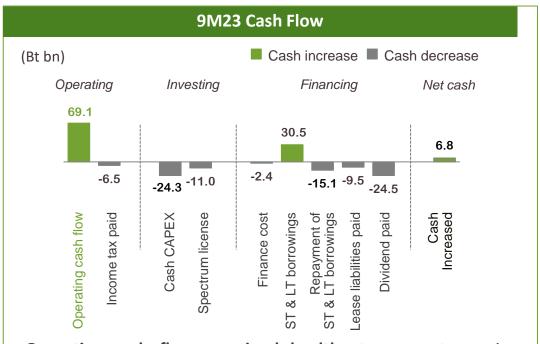
# **Financial Highlights**

Bt mn	3Q22	2Q23	3Q23	%YoY	%QoQ	9M22	9M23	%YoY
Mobile revenue	29,107	29,495	29,311	0.7%	-0.6%	87,171	88,064	1.0%
FBB revenue	2,541	2,857	3,021	19%	5.8%	7,466	8,588	15%
Other revenues	1,481	1,551	1,748	18%	13%	4,556	4,862	6.7%
Core service revenue	33,130	33,903	34,080	2.9%	0.5%	99,193	101,514	2.3%
IC and NT partnership	3,171	3,413	3,313	4.5%	-2.9%	9,603	9,981	3.9%
Service revenue	36,301	37,315	37,393	3.0%	0.2%	108,796	111,495	2.5%
SIM and device sales	9,934	7,459	8,675	-13%	16%	27,990	26,060	-6.9%
Total revenue	46,234	44,774	46,069	-0.4%	2.9%	136,786	137,555	0.6%
Cost of service	21,863	22,334	21,789	-0.3%	-2.4%	65,030	66,074	1.6%
SG&A	5,633	4,910	4,957	-12%	1.0%	16,861	15,437	-8.4%
EBITDA	22,091	23,317	23,674	7.2%	1.5%	66,848	69,627	4.2%
EBIT	8,869	10,181	10,830	22%	6.4%	27,064	30,492	13%
NPAT	6,091	7,180	7,713	27%	7.4%	18,648	21,650	16%
Sales margin	1.0%	1.2%	1.8%			0.9%	1.6%	
EBITDA margin	47.8%	52.1%	51.4%			48.9%	50.6%	
EBIT margin	19.2%	22.7%	23.5%			19.8%	22.2%	
NPAT margin	13.0%	16.0%	17.7%			13.6%	16.1%	



### Healthy balance sheet and cash flow to support investment





**Operating cash flow remained healthy** to support ongoing CAPEX, spectrum payment, and dividend payment.

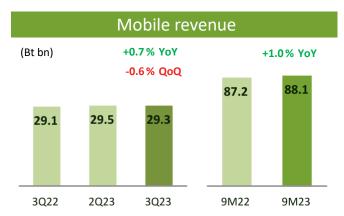
**Free cash flow after lease liabilities paid of** Bt17.6bn to deliver returns to shareholders.

#### Average finance costs for 3Q23 = 3.2% p.a.

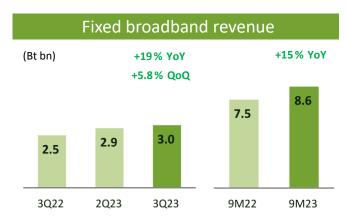
- AIS prudently managed currency and interest rate risk with hedging instruments where applicable.
- Maintained investment-grade credit ratings;
  - Fitch: national rating AA+ (THA), outlook stable
  - S&P: BBB+, outlook stable



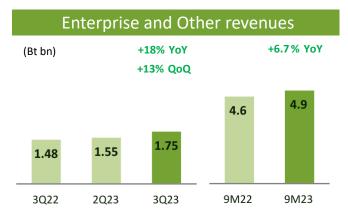




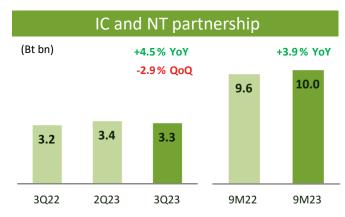
 Improved YoY from quality focus with crosssell & upsell efforts, while softened QoQ from seasonality.



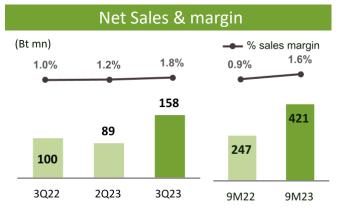
 Continue the growth momentum from quality acquisition with value-package offerings leading to ARPU growth.



 Returned to double digits growth from a sizable project closed in the quarter and resumed customer spending in ICT solutions.



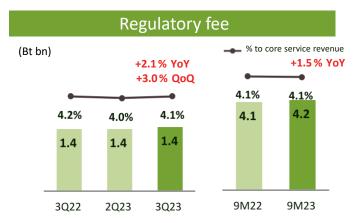
 Higher YoY aligned with increased usage from NT despite lower IC charge but softened QoQ mainly from lower NT usage.



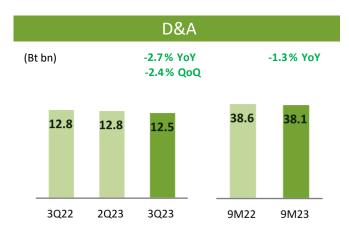
 Rebounded sales volume from new model launched in this quarter, the sales margin improved from profitability focus.

### 3Q23 & 9M23 Cost Breakdown

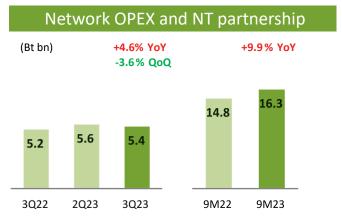




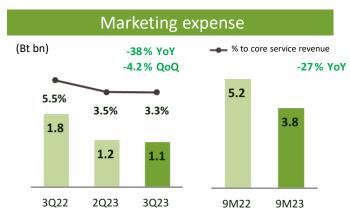
 Regulatory fee increased YoY following the core service revenue growth. It stayed approx. 4% of core service revenue.



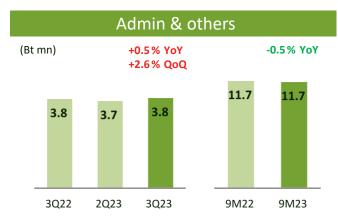
 D&A declined due to fully depreciated part of 3G network equipment despite continuously investing in 5G network.



 Softened QoQ benefited from lower FT rate, while increased YoY due to higher utility price and higher NT partnership cost.



 Marketing expense declined continuously from cost control and reduced advertisement and campaign costs.



 Admin & others expense slightly increase YoY and QoQ in line with revenue growth.







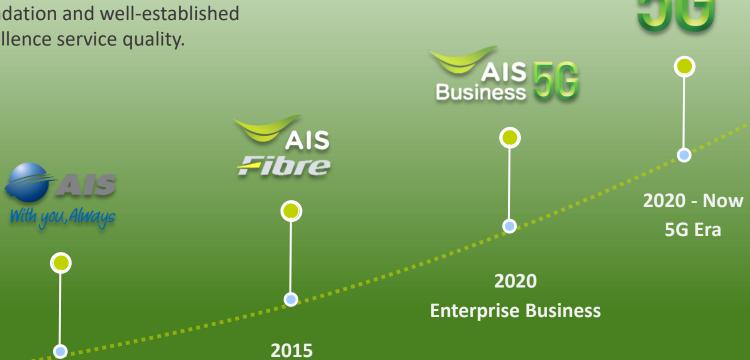
## 33 Years as a Leading Company in Thai Telecom Industry

### **Past**

#### **Telecom Service Provider**

1991 - 2015

AIS, the leader of Thailand Telecom company with a strong foundation and well-established excellence service quality.



**FBB Establishment** 

# New Growth Opportunities

Capabilities to scale up and expand beyond telco business while maintaining good financial performance and return.

### Present

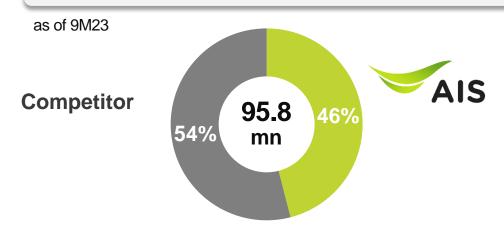
### **Cognitive Tech-Co**

Delivering values to customer through a strong foundation of Network, IT, and Data driven to improve efficiency, capability, and quality of services.

### **Mobile Industry: Background**

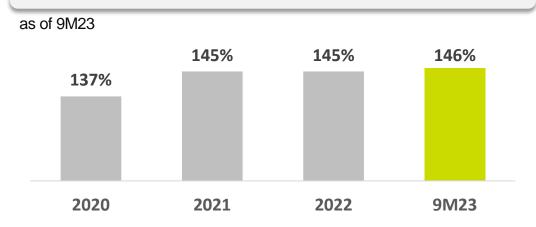




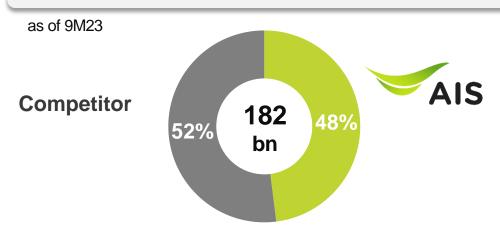


Subscribers Mixed (Postpaid : Prepaid) : 30% : 70%

### **Mobile Thailand penetration rate**



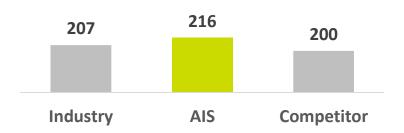
### Mobile industry revenue



Revenue Mixed (Postpaid : Prepaid) : 61% : 39%

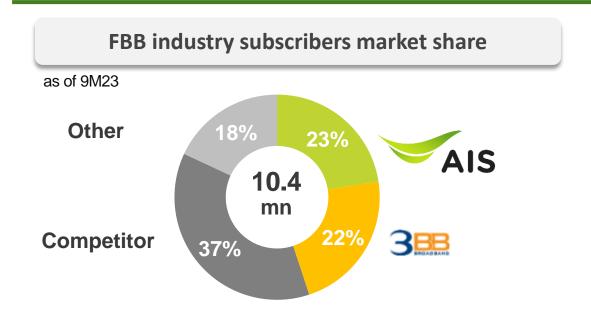
### **Mobile industry ARPU**

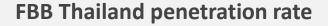
as of 9M23



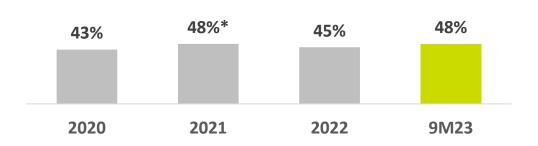
### Fixed broadband industry: Background



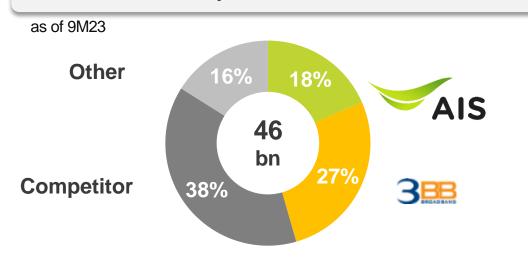




as of 9M23



### FBB industry revenue market share



### **FBB** industry **ARPU**

as of 9M23



<sup>\*</sup> Before TRUE revised their FBB subs

## Consistent profit generated with high dividends paid





Constant dividend paid

Continuously Delivering Profit with Positive Free Cash Flow

Proven track record of experienced managements

## Superior return with efficient capital management



### **Profitability Ratio 'FY22**

- High cashflow generated
- Consistent dividend paid

**EV/EBITDA** 

8.1 x

ASEAN Peers: 7.1X

**Dividend Yield** 

4.0 %

ASEAN Peers: 3.5 %

**FCF Yield** 

6.7 %

ASEAN Peers: 6.2%

**ROIC** 

19 %

ASEAN Peers: 9.2%

### **Leverage Ratio 'FY22**

- High Debt repayment capability
- Low Gearing
- Low cost of debt

**Net Debt to EBITDA** 

0.8x

ASEAN Peers: 1.7x

Net Debt and Lease liability to EBITDA

2.0 x

ASEAN Peers: 2.2x

Interest bearing debt to Equity

1.0 x

ASEAN Peers: 1.3x

Average Cost of Borrowing

2.8%

ASEAN Peers: 4.6%

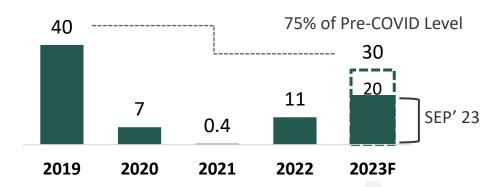


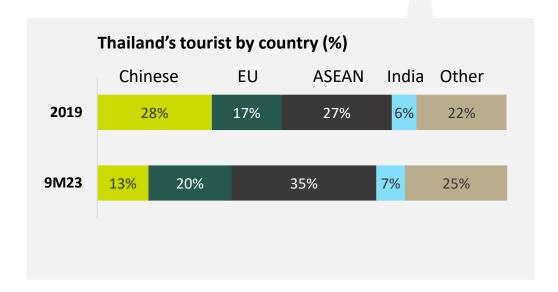
**Supporting Information** 



### Thailand Tourism Sector- Upside from Chinese and India arrivals with high-quality focusing

#### Thailand's tourist arrival (mn)





**Key Initiation and Driving Factors from related parties** aim to increase volume and spending of Thailand's arrival tourists.



**Government:** Regulatory support by VISA fee campaign target to boost Chinese, Indian, and Taiwan visitors.



**Airline:** Expand flight routes more to key cities of China and maximize seat capacity to create the chance of uplifting the volume of passenger.



**Airport:** Capacity expansion to reduce crowd of arrival. (Expansion plan under AOT-operated airports).



**Hotel and Hospitality:** Open selling channel of Hotel and service reservations with a strategy to attract high-quality tourists by value-added service i.e., Medical tourism and wellness traveling.

Source: Company Presentation (AAV, BA), TH Focus seminar, Research Paper KKPS, TISCO,TNS











Marathon MAX

SIM Yearly Package. Pay Once

THE ONE SIM

Entertainment Sim Unlimited fun with 5G Internet

SUPER SOCIAL SIM

Unlimited Social + Free Calls

**ZEED 5G SIM** 

All-in-one SIM for Teen









Number numchok SIM

SIM number with a sum that brings luck to your life



Super Net SIM Unlimited Internet and Free call

SIM2FLY SIM 399 Baht

Asia & Australia

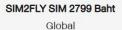
SIM2FLY SIM 899 Baht

Global







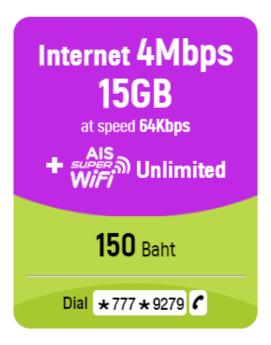


KOOMVER The Best value SIM









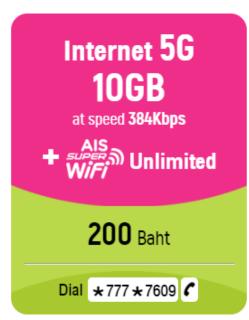




### **Mobile Prepaid Package:**









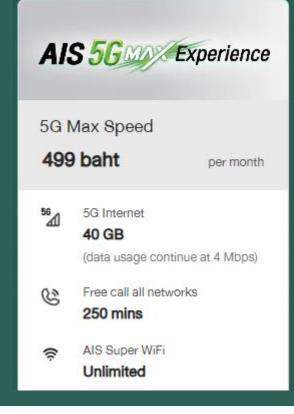




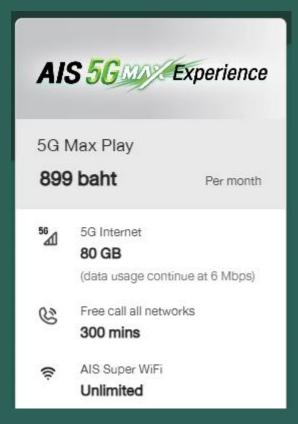
### **Mobile Postpaid Package:**



Al	S 5G My/	Experience		
5G I	Easy Pack			
399	) baht	per month		
<sup>56</sup>	5G Internet 20 GB	nuo at (Mhne)		
હ	(data usage continue at 1Mbps)  Free call all networks  100 mins			
Ģ	AIS Super WiFi Unlimited			

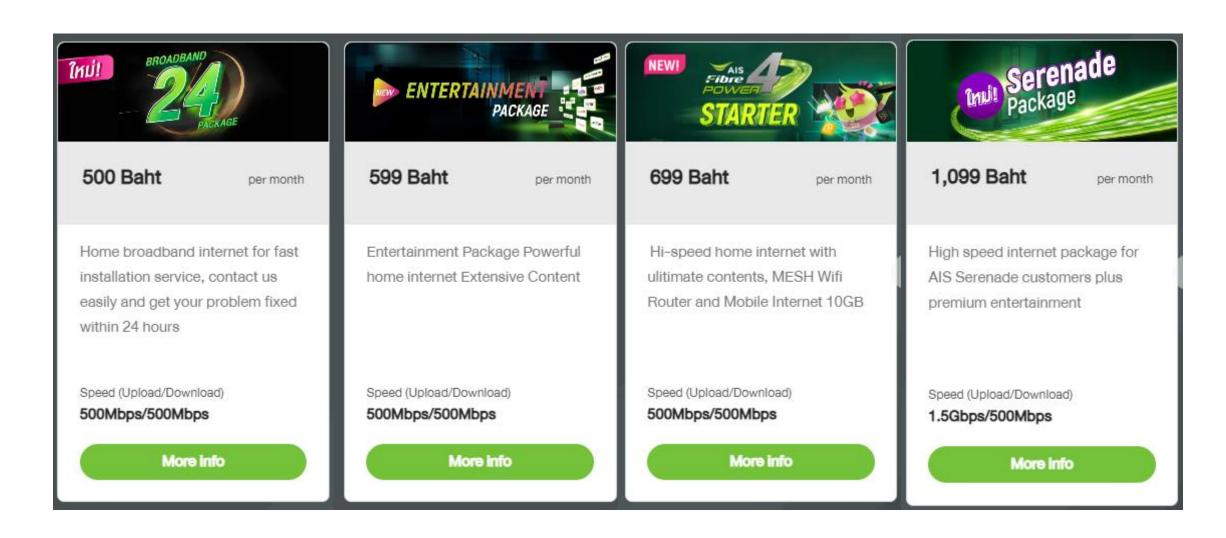






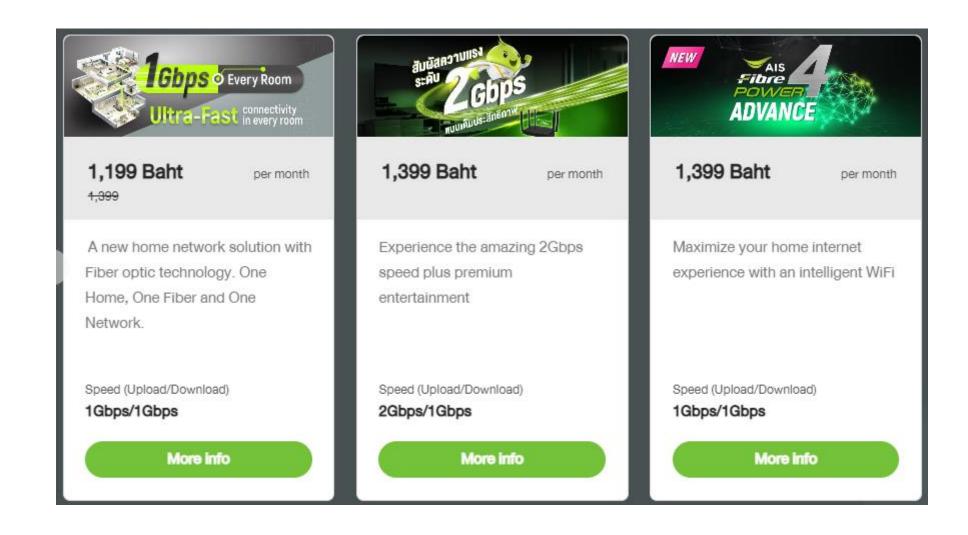
### **Fixed Broadband Package:**

















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The statements are based on our management's assumptions and beliefs in light of the information currently available to us. These assumptions involve risks and uncertainties which may cause the actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Please note that the company and executives/staff do not control and cannot guarantee the relevance, timeliness, or accuracy of these statements.