

Environmental, Health and Safety:

Competencies and Use Cases in
The Future of Work in Telco
Industry

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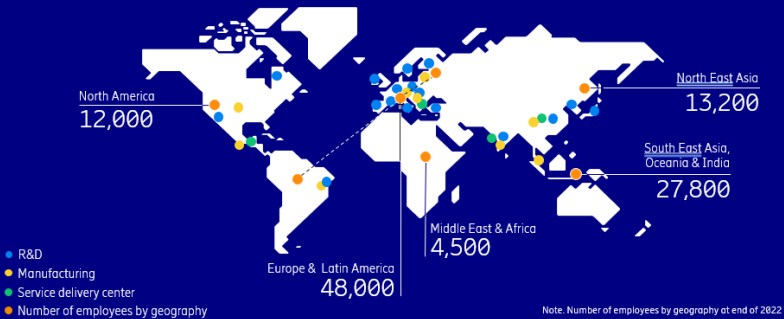
This is Ericsson

We enable the full value of connectivity by creating game-changing technology and services



Global presence and capabilities

Serving customers in more than 180 countries



We are a world leader in mobile networks

Leading position in 5G

Industry analysts:
Ericsson
5G Leader

Ericsson presence:
140+ live 5G
networks

Ericsson customers:
Leading in
performance

5G deployments in the early days and scaling fast.

As a leader, we are investing in our portfolio to make it easier to close that gap.

Note 1. Data as of the Q4 2022 report

Note2. Average rate during FY 2022 – SEK/USD: 10.04

The mobile industry is growing – Fast

Ericsson Mobility Report Forecast



Average smartphone data use exceeds 19GB/month in 2023

Global mobile network data traffic doubles every two years



5G mobile leads subscription to 5 billion in 2028

5G networks carry 70% of mobile data traffic



Strong growth in FWA¹, to 300 million connections in 2028

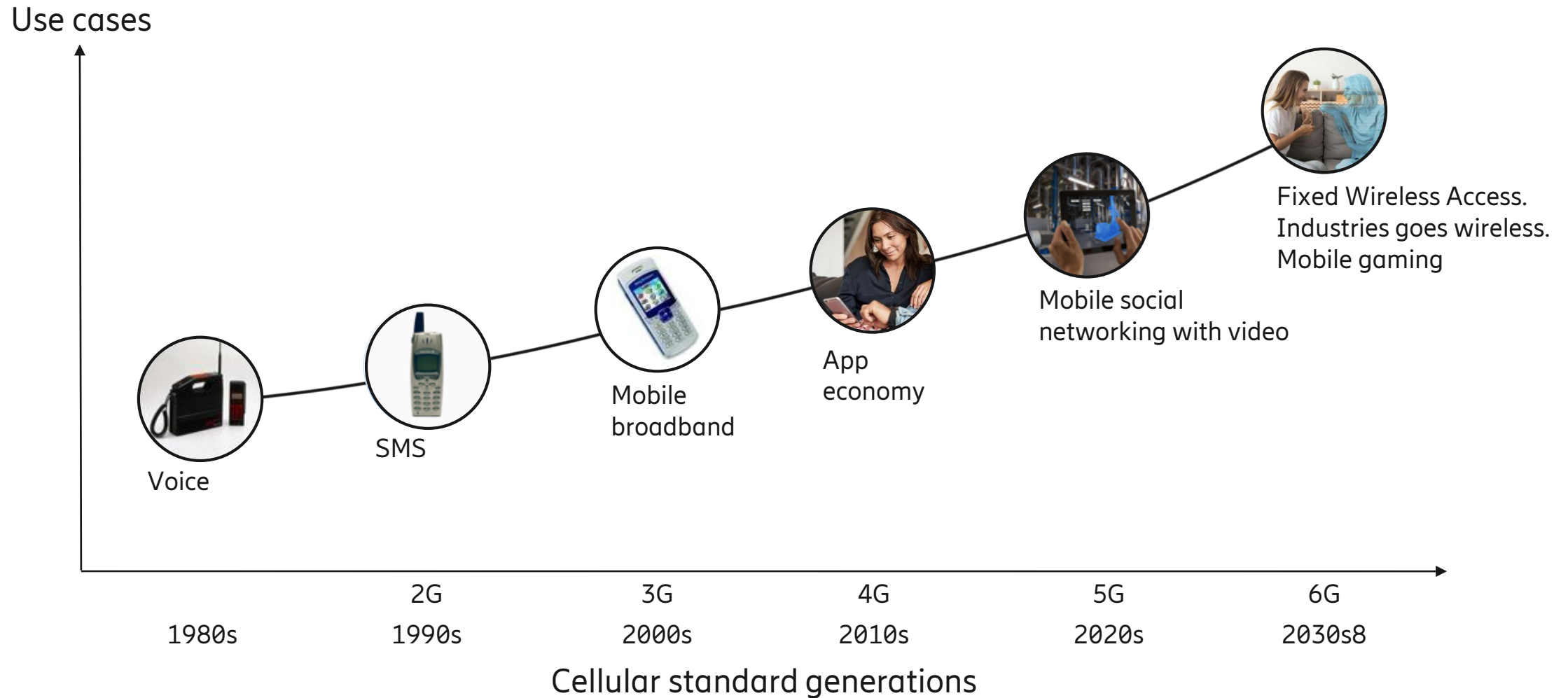
Affordable CPE² positively impacts low-income markets



1. Fixed wireless access

2. Customer Premises Equipment is equipment kept at the customer's physical location

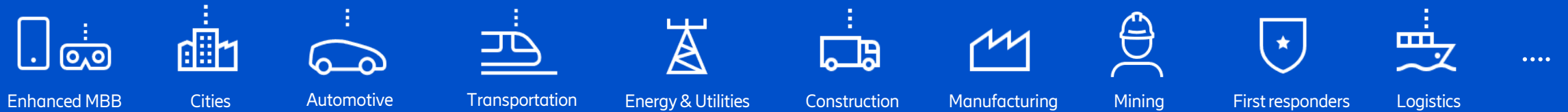
Continuous evolution of mobile network innovation



5G, the biggest innovation platform ever



Use cases in



Platform values



5G digital infrastructure

What is trend on EHS in Technology?



Monitoring numbers using check-in technology

It includes many features such as a discreet panic button for workers who are faced with a difficult situation, a 'man down' alert when the button detects a fall or impact and more.

Futuristic projected safety signs

Caution lines and stop signs, businesses are able to illuminate the required signs with minimal maintenance.

Drones for safety checks

Using drones in the workplace has allowed businesses to access dangerous areas, such as those that are too hot, cold or small for employee access.

Insightful 3D visualizations

This includes 3D visualizations which allows workers to become more familiar with the area they are about to work in.

Introducing AI-SAFE

Detect whether those entering/exiting are wearing the right equipment. This includes headwear, eyewear and footwear, helping to reduce the risk of contamination.

Investing in autonomous vehicles

As sometimes workspaces can be tight, this vehicle will help reduce the number of collisions from occurring.

[Source: FE news](#)






OHS & E are parts of Code of Conducts



- **Target Zero** as a commitment aside from Health, Safety & Well-being Policy.
- **Ericsson Care** campaign as the implementations.
- Covering Environmental and Well-being.
- **EHS Personnel roles** are parts of Code of Conduct.
- **EHS Officers** competence applied to Subcontractors and internal Implementation Manager.
- Training for Mid and High-Level Management.

Target Zero

Target Zero is Ericsson's commitment to the health, safety and well-being of our employees and anyone working on our behalf. Target Zero sets a new precedent that nothing less than zero incidents leading to fatalities, injuries and illnesses is acceptable.

 Target Zero New target launched in 2021	Promote the right behaviors Create a culture where everyone embeds the right beliefs and values. Zero fatalities and lost-workday incidents are attainable
 Zero Fatalities	Ownership and responsibility Everyone at Ericsson has internalized their ownership and responsibility within their roles. My actions and decisions impact the health, safety and well-being of myself and others.
 Zero Lost-workday incidents	Safe and healthy work environment for all. Commit to providing a safe and healthy work environment for all. Encompasses physical, mental and social health and well-being.

Safety culture in this document refers to "health, safety and well-being culture"

What is Ericsson Care?

Ericsson is committed to well-being and providing a safe and healthy work environment. Ericsson Care is a holistic program that highlights the importance of health, safety and well-being for employees and anyone working on our behalf.

Ericsson Care encompasses five sub-areas.

We believe we thrive when we:

- Feel safe (red)
- Feel physically healthy (blue)
- Are emotionally balanced and resilient (purple)
- Are financially in control (green)
- Are connected to our communities and feel respected (orange)

To create an engaging employee experience in health, safety and well-being, we have a simple yet distinct identity that can be used across the organization.



EHS at DNB Projects



Environment: Recycling Initiatives Program

Goal:
To recycle **3 Tons (3000 kg)** of carton boxes from DNB equipment packaging materials/ boxes in year 2023.



DNB ASP EHS Commitment Performance (KPI)- Q1 2023



Top 5 Best EHS Performance Q1

No.	ASP Company Name	Average Q1
1	CBERTEC SYSTEMS SDN BHD	100%
2	IGCI SCIENCE & TECHNOLOGY (M) SDN BHD	100%
3	ZIIP TECHNIC SDN BHD	97%
4	UNIVERSAL CELLULAR ENGINEERING SERVICES SDN BHD	97%
5	EDS COMMUNICATION SDN BHD	94%

No.	ASP Company Name	Average Q1
15	MAGICELL SDN BHD	78%
16	ACQUAINT WIRELESS SDN BHD	77%
17	AM COMMUNICATION SDN BHD	77%
18	SOUTH PACIFIC COMMUNICATION RESOURCES SDN BHD	75%
19	FRONTWORTH SDN BHD	74%
20	NR SERVICES (M) SDN BHD	72%
21	DOK SETIA ENGINEERING SDN BHD	71%
22	ENET SETIA SDN BHD	68%
23	DAILYCOM SDN BHD	65%
24	GIROBUMI TECHNOLOGIES SDN BHD	62%

Bottom 5 EHS Performance Q1

No.	ASP Company Name	Average Q1
25	CCS COMSERVICE (MALAYSIA) SDN BHD	55%
26	PERNEC INTEGRATED NETWORK SYSTEMS SDN BHD	55%
27	VNK VENTURES SDN BHD	45%
28	JUSTCLICK VISION (M) SDN BHD	44%
29	BCL SDN BHD	38%
30	BESTER MALAYSIA SDN BHD	35%
31	KEJURUTERAAN BINA BANGSA SDN BHD	25%
32	KENDAYAN NETWORK RESOURCES SDN BHD	25%
33	AR GLOBAL	16%

Promote the right behaviors
Create a culture where everyone embeds the right beliefs and values.
Zero fatalities and lost-workday incidents are attainable

Ownership and responsibility
Everyone at Ericsson has internalized their ownership and responsibility within their roles.
My actions and decisions impact the health, safety and well-being of myself and others.

Safe and healthy work
Commit to providing a safe and healthy work environment for all.
Encompasses physical, mental and social health and well-being.

Cooperation with Stakeholders



From activities in other countries:

- Full support from Ericsson Group to implement local initiatives and Ericsson Care.
- Create competence EHS Personnel which consistent with Ericsson standard & requirements.
- 12 Modules EHS Officer/Personnel certifications.
- Trial of certification training to support USAID dan Ericsson for local Small Medium Enterprise.
- Drafter & committee member for Working at Height standard in Indonesia.
- 130 subcontractors' companies to implement competence modules for Skill, Knowledge & Attitude.



Occupation Map (including OHS)



ACCESS

- 1. Wireless
- 2. Wireline/Fiber Optic

TRANSPORT

- 1. Fiber Optic
- 2. Microwave

CORE

- 1. Packet Switch
- 2. Circuit Switch
- 3. IMS & VAS

SATELITE

- 1. Ground Segment
- 2. Space Segment

Sample of Roles

- Chief Technology Officer
- VP Network Implementation
- GM Network Operation Centre
- CS CORE Network Manager
- OSS Manager
- Supervisor CS
- Network Solution Architects

Direct

- MOAI Head of EHS
- Country Unit Head of EHS
- EHS Leads
- EHS SME
- EHS Inspector
- EHS Communications
- EHS Representatives

Indirect

- EHS Dept Representatives
- EHS Non-Managerial
- EHS Volunteers

What's Next?



- Revision of competence module and its implementation.
- Focus on all SKA aspects, currently still heavy on the knowledge parts.
- Open for cooperation with Government and Customer to establish competence model.





<https://www.ericsson.com/en/about-us/sustainability-and-corporate-responsibility/responsible-business/health-and-safety>