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Key messages – Q2 2024

- Announced planned **divestment of ASN** and **intent to purchase Infinera** aligned with strategic pillar to actively manage portfolio and that will significantly strengthen our Network Infrastructure business.
- **Ongoing market weakness in Q2** net sales declined 18% in constant currency. India sales drove nearly three-quarters of decline while North America net sales increased, benefitting from resolution of outstanding contract negotiation and growth in Network Infrastructure.
- Order intake trends continued to improve in Q2 notably in Network Infrastructure which supports expectation for significant improvement in net sales in second half of 2024.
- **Deal traction across business groups** important design wins in Network Infrastructure; Mobile Networks building customer momentum; Cloud and Network Services continues to make progress in Network as Code.
- **Cost savings program** actioned EUR 400 million of run-rate savings out of the targeted EUR 800 to 1 200 million gross savings by 2026.
- Working capital normalization drives **strong free cash flow of EUR 0.4 billion** in Q2.
- Full year 2024 outlook unchanged.



Q2 Financial Performance

Marco Wirén Chief Financial Officer



Full year outlook reiterated in a challenging environment

Q2 24 net sales (EUR)

4 5bn



Q2 24 gross margin

-18% у-о-у

+450bps y-o-y

Q2 24 operating margin

50/0

-190 bps y-o-y

Q2 24 FCF (EUR)

04hn

Q2 24 net cash (EUR)

5.5hn

Net sales (EUR million)







Operating profit (EUR million) and margin



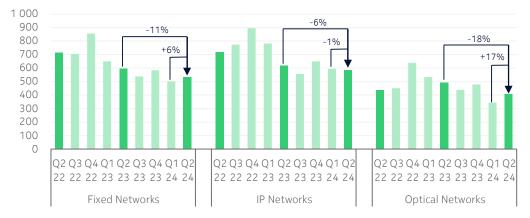
All net sales changes presented are year-on-year in constant currency and margin is on a comparable basis; ASN is now accounted for under discontinued operations

Network Infrastructure

- ASN now recorded in discontinued operations
- Sales increased sequentially
- Order intake improvement for the third consecutive quarter
- Profitability impacted by scale

2024 planning assumption		
Net sales growth (constant currency)	Operating margin	
-2% to +3%	11.5% to 14.5%	

Network Infrastructure net sales by quarter







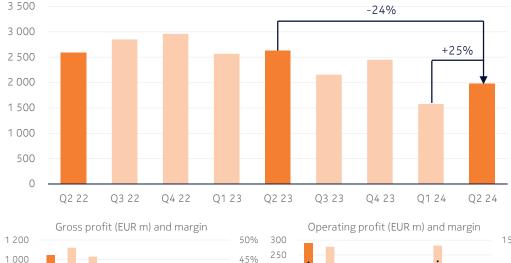
All net sales changes presented are in constant currency

Mobile Networks

- Challenging spending
 environment continued
- India net sales down sharply
- Customer settlement benefited results, making up for nearly half of gross margin improvement
- Deal momentum continuing

2024 planning assumption		
Net sales growth (constant currency)	Operating margin	
-19% to -14%	4% to 7%	

Mobile Networks net sales by quarter





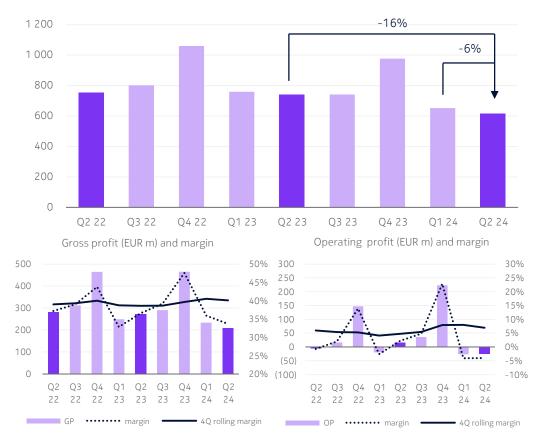


Cloud and Network Services

- Market remained challenging
- Disposal had 300bps impact on net sales decline
- Profitability impacted by scale
- Strong engagement with Network as Code platform

2024 planning assumption		
Net sales growth (constant currency)	Operating margin	
-5% to +0%	6% to 9%	

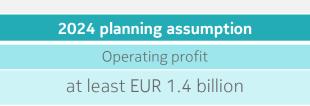
Cloud and Network Services net sales by quarter

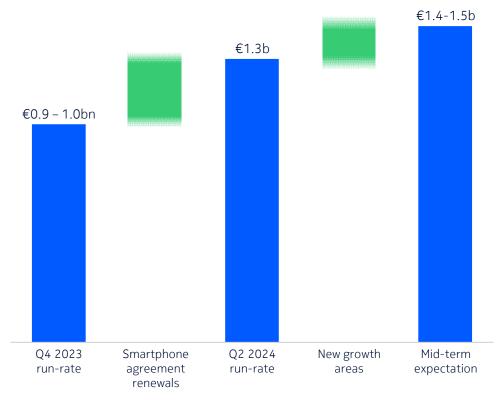


All net sales changes presented are in constant currency

Nokia Technologies

- Growth driven by earlier-signed agreements and higher automotive and consumer electronic net sales
- Run-rate remained at approximately EUR 1.3bn
- Important multimedia agreement signed with video streaming platform



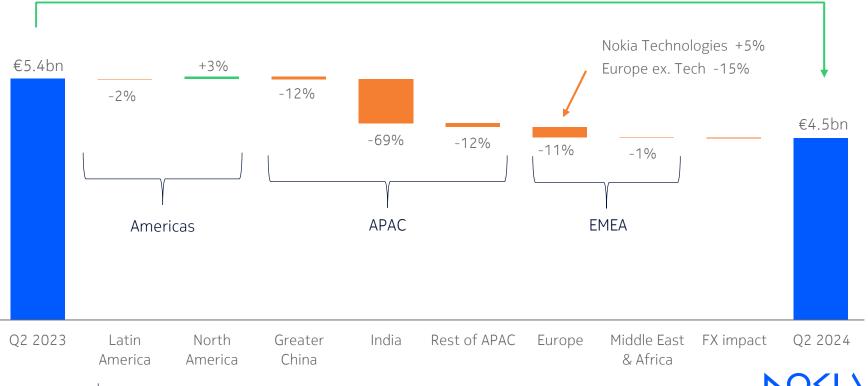


This chart is to illustrate our current financial planning assumptions. This chart is not illustrative of our view on deal valuations. Actual outcomes of negotiations may be different.

Regional sales: India weighed heavily on top-line in Q2

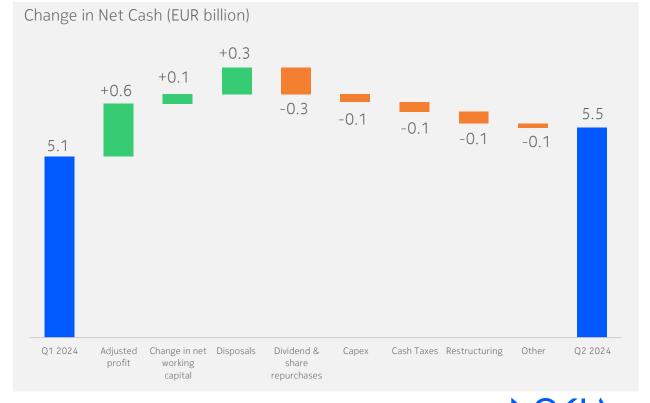
Year-on-year at constant currency





Working capital drives solid cash flow

- Receivables driving working capital inflows
- EUR 0.3bn of disposals benefited cash
- Returned EUR 0.3bn to shareholders through dividend and share buybacks
- Free cash flow of EUR 394 million



Business Highlights

Pekka Lundmark President and Chief Executive Officer



Network Infrastructure strengthened with 3 market leading pillars Attractive market leading provider of fixed network infrastructure

	Nokia Growth Opportunity	Net Sales 2023	Operating margin - 2023	Operating margin - aspiration	Key Competitors
Fixed Networks	 Demand for fiber build remains strong Mature markets starting to upgrade to XGS/25G-PON Government funding programs starting to impact Target mid-single digit growth 	EUR 2.4 bn	High teens	Mid to high teens	Adtran, Calix, Ciena, Fiberhome, Huawei, ZTE
IP Networks	 Continued ramp of FP5 and FPcx products Momentum in Enterprise/webscale market Target mid-single digit growth 	EUR 2.6 bn	Mid teens	High teens	Arista, Ciena, Cisco, Juniper, Huawei
Optical Networks*	 Increased scale to accelerate product roadmaps Well-positioned for webscale / Al opportunities Target mid-single digit growth 	EUR 3.4 bn	Mid single digit	Mid teens	Adtran, Ciena, Cisco, Fujitsu, Huawei, Ribbon, ZTE
Network Infrastructure	Target mid-single digit growth	EUR 8.4 bn	~ 12%**	Mid to high teens	

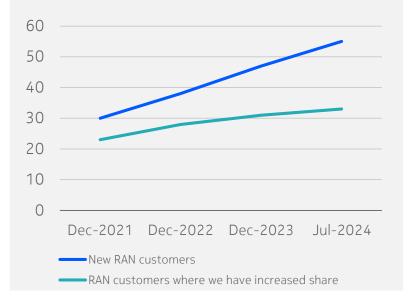
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* Combined proforma with Infinera; Operating margin including impact of share-based compensation

** Proforma operating margin for Network Infrastructure in 2023 reflecting the Infinera acquisition and recently announced sale of Submarine Networks

Momentum building in Mobile Networks





Successful Nokia Open/Cloud RAN projects



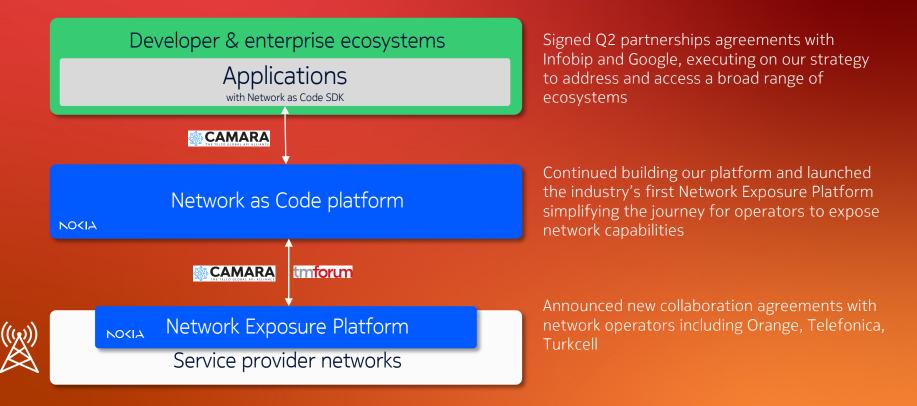
Nokia's solutions are validated with ecosystem of leading industry partners across hardware and software

with Microsoft Azure **Operator Nexus**

WNDRVR

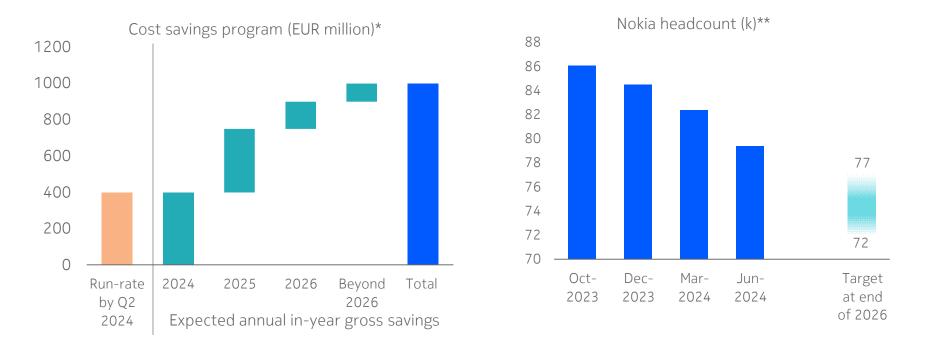


Cloud and Network Services: progress with Network Monetization





Taking fast action to reduce cost



*Totals shown represent current cost savings program and do not include EUR 100m from prior programs

** These figures represent the originally planned headcount targets and do not take into consideration currently planned divestments or acquisitions.

2024 Outlook

Solidly on track to achieve the outlook given quick actions to reduce cost

	Full year 2024
Comparable operating profit	EUR 2.3 billion to EUR 2.9 billion
Free cash flow	30 to 60% conversion from comparable operating profit

Please refer to the Performance measure section of our Report for Q2 and Half Year 2024 for a full explanation of how these terms are defined.



Key Takeaways

Order intake momentum continued in weak market

Positive deal traction across business groups

Cost savings program on track and outlook reiterated

Strong cash performance with net cash of EUR 5.5bn

Share buyback to be accelerated







