



Korea Climate Tech Association

Jongkyu Kim

Nationally Determined Contribution (NDC)

Goal (2025)

Climate NGOs

시민사회제안 65%

IPCC guideline

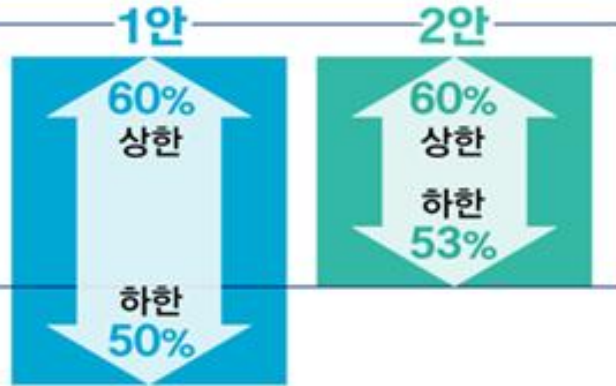
IPCC(유엔 기후변화에 관한 정부간 협의체) 권고 61%

Linear Pathway

선형 감축 경로 53%

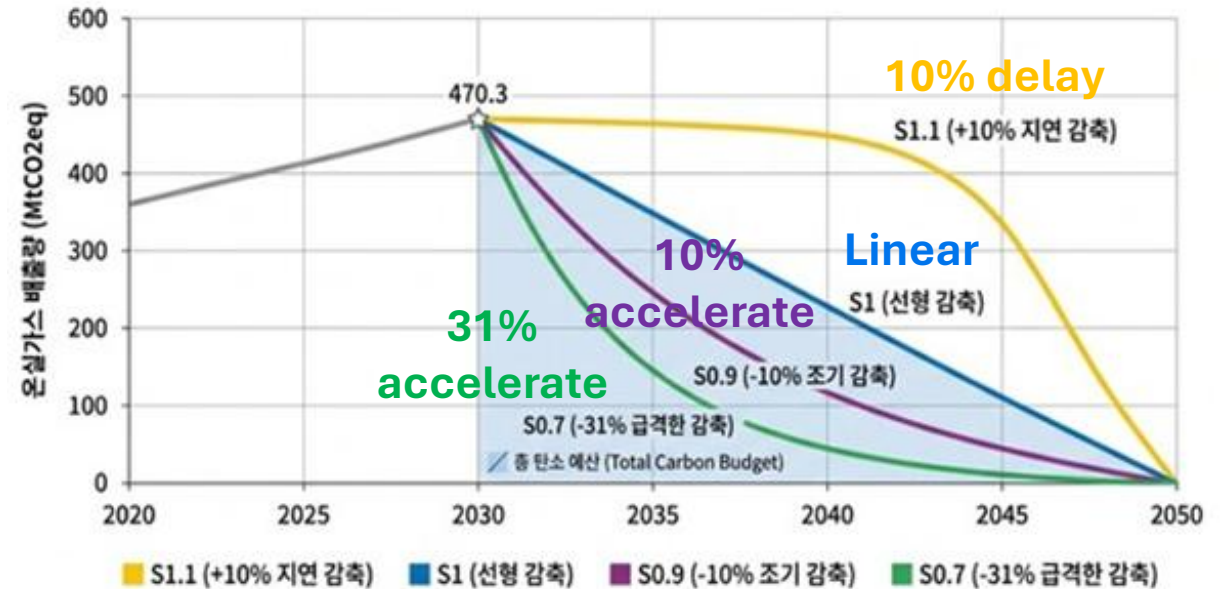
Industries

산업계 요구 반영 48%



Joongang Daily (25.11.07)

Pathway (2026)



Hankook Daily (26.02.28)

Goal → Pathway → **Implementation**

Climate Technology in South Korea

Def. of Climate Tech

A portmanteau of "**Climate**" and "**Technology**" referring to all innovative technologies that generate profit while **contributing to greenhouse gas reduction** and **climate adaptation**.

CleanTech

Renewable & alternative energy production and decentralization

Renewable Energy

New Energy Industry

Decarbonized E



CarbonTech

Atmospheric carbon capture, storage & reduction technology

Carbon Capture

Process Innovation

Mobility


Mobility Life Together

EcoTech

Circular Economy, low-carbon materials & eco-friendly products

Resource Circulation

Waste Reduction

Upcycling



FoodTech

Carbon reduction in food production, consumption & farming

Alternative Foods

Food Recovery

AgTech



GeoTech

Carbon monitoring & weather data commercialization

GHG Monitoring

Weather Intelligence

Geospatial Analytics





Climate Tech Startups Map (Startup Alliance)

Total 272 Startups, Last updated on Feb 5. '25

CleanTech

energy



CarbonTech

EV, batteries



EchoTech



FoodTech



GeoTech

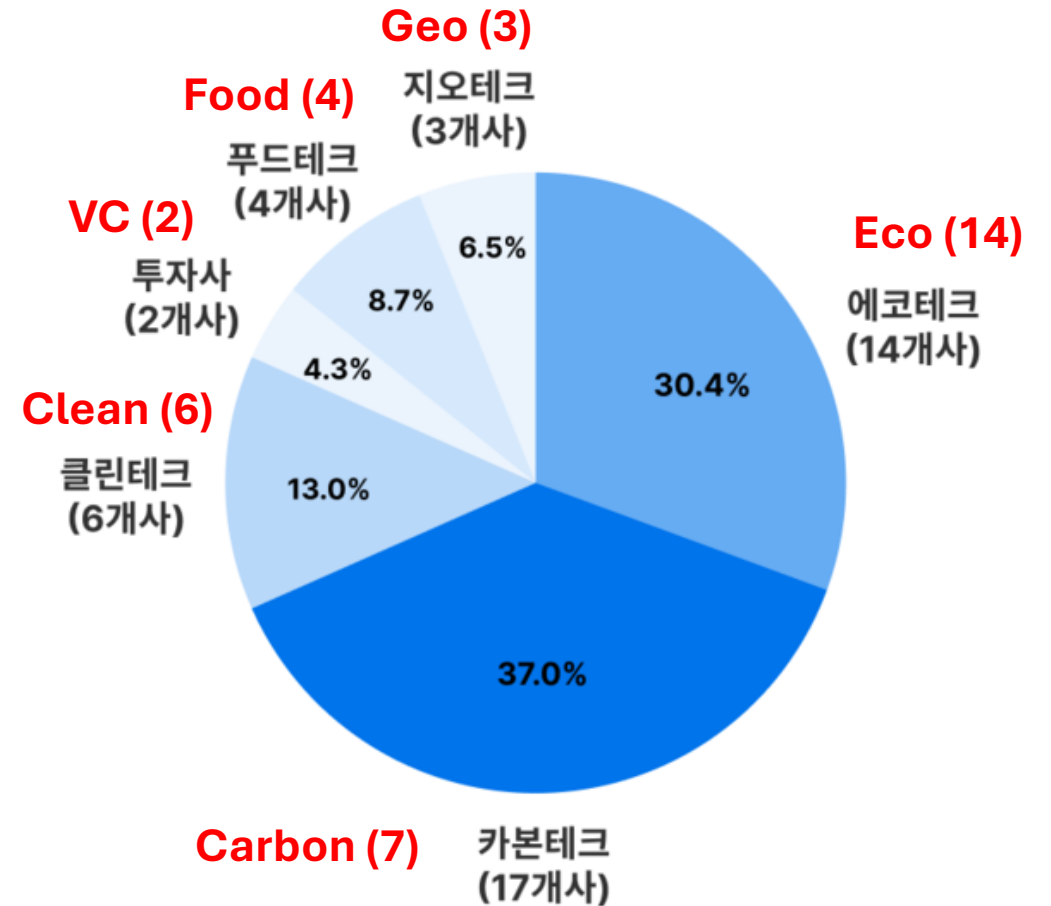


Korea Climate Technology Association (KCTA)

Climate Innovation Alliance (2026. 03.10)



Joint initiative of **Ministry of Climate, Energy and Environment**
Ministry of SMEs and Startups



[표: 한국기후테크협회 참여기업 구성]

Key Initiatives

Establishing a Growth Foundation for Climate Tech Companies Facilitating Climate Tech Financing Access via Impact VC & Corporate CVC Networks

Strategic
Objectives

Policy Liaison

Advocating for legal reforms and submitting regulatory improvement proposals to the government.

Regulatory Sandbox

Proposing regulatory sandboxes to accelerate safe technology validation and industrial deployment.

Test-Bed Support

Securing demonstration sites for industrial-scale trials.

Execution
Tools

Briefings

Annual segment briefings conducted for each of the 5 pillars.

IR Forums

Hosting industry-wide investment forums and matching events.

Mentoring

Continuous coaching and business support for climate startups.

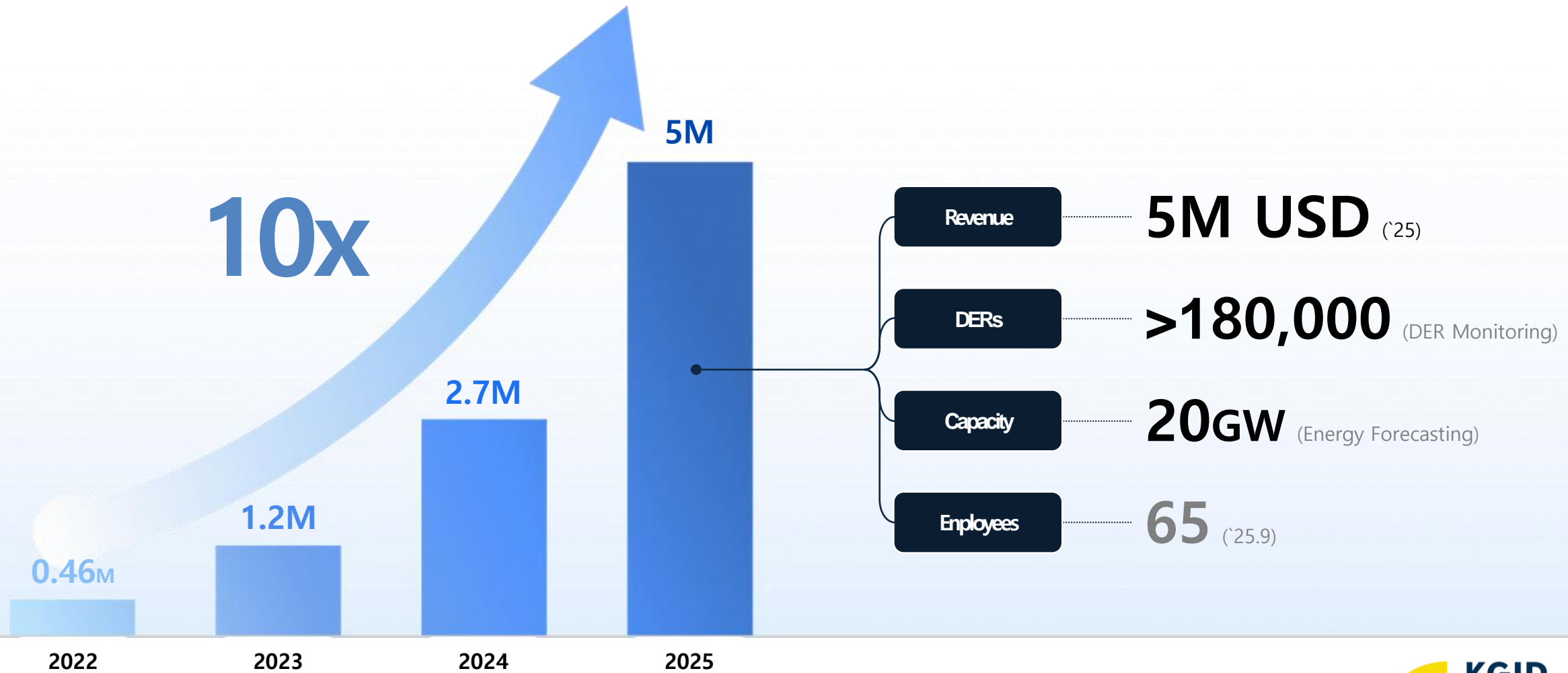


KGID
2026
SEJONG

60 Hertz

Jongkyu Kim

Mission: Energy Company for The Next Generation

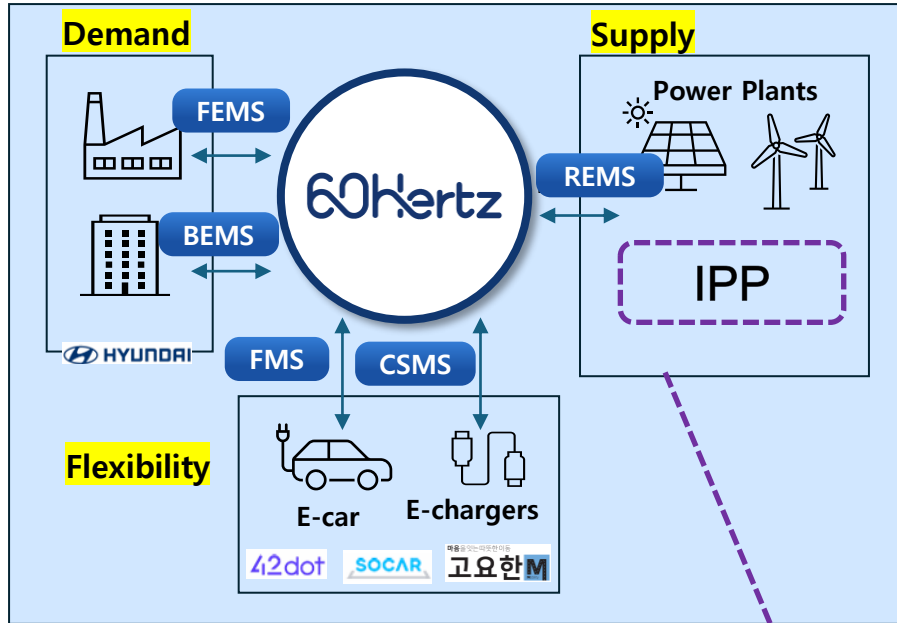


Business Overview

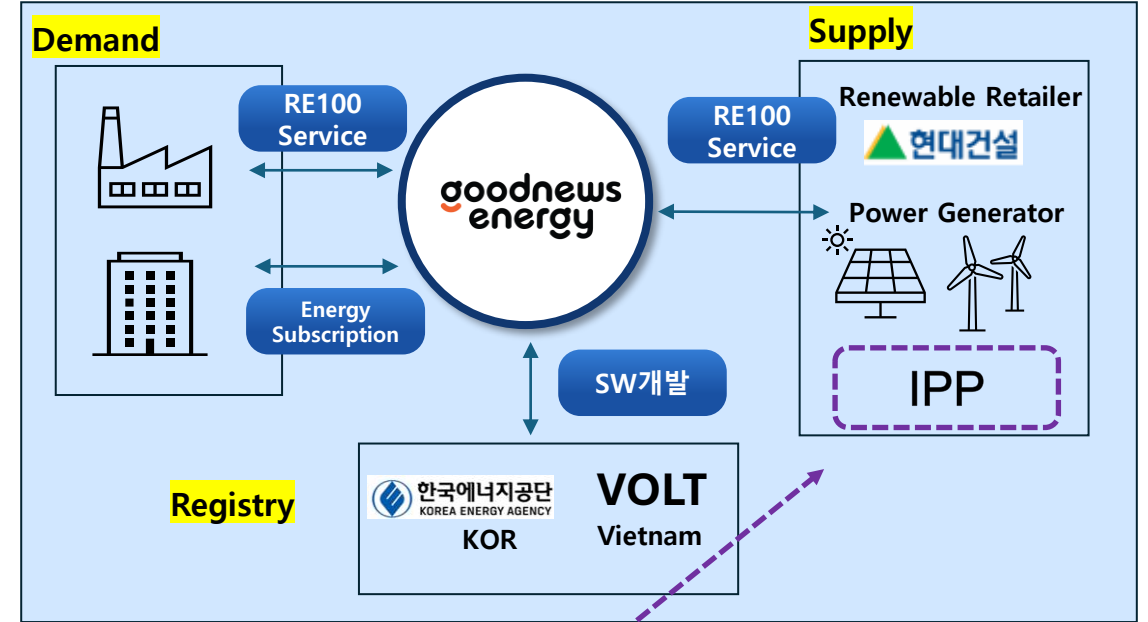
	DER Management SW (` 21, Seed)	Renewable Energy Retail (` 23, Series A)	Renewable Energy Generation ("Series B")
Challenges	Increased uncertainty in power generation Managing a large number of resources	Offline-centric transactions Complex transaction methods	RPS → RE100 Transition Expanded distribution of small and medium-sized power plants
Solution	Advanced power generation forecasting Advanced management software	Online RE100 services Simplified transaction system	RE100 matching funds Online trading of small-scale power plants
Business Model	Enterprise Software sales and services	SaaS subscription	EPC (Engineering, Procurement, Construction), Power sales
Customers	KPX, SK Group, Hyundai Group	Kakao, Korea Energy Agency, Hyundai Motors	Power sales to RE100 companies Power plant trading
Revenue % (Recurring %)	40% (50%*)	40% (100%)	20%

Ecosystem

Technical VPP (DER management, Enterprise SW)



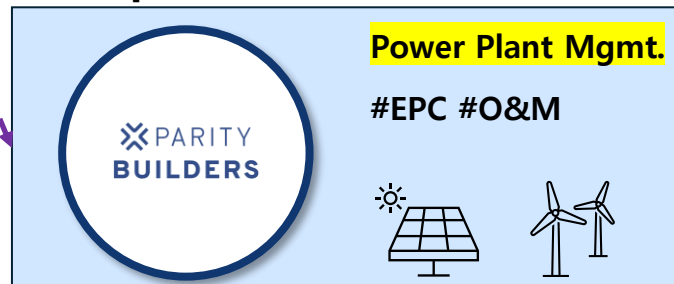
Commercial VPP (Energy Retail, SaaS Service)



Cross-selling

Software

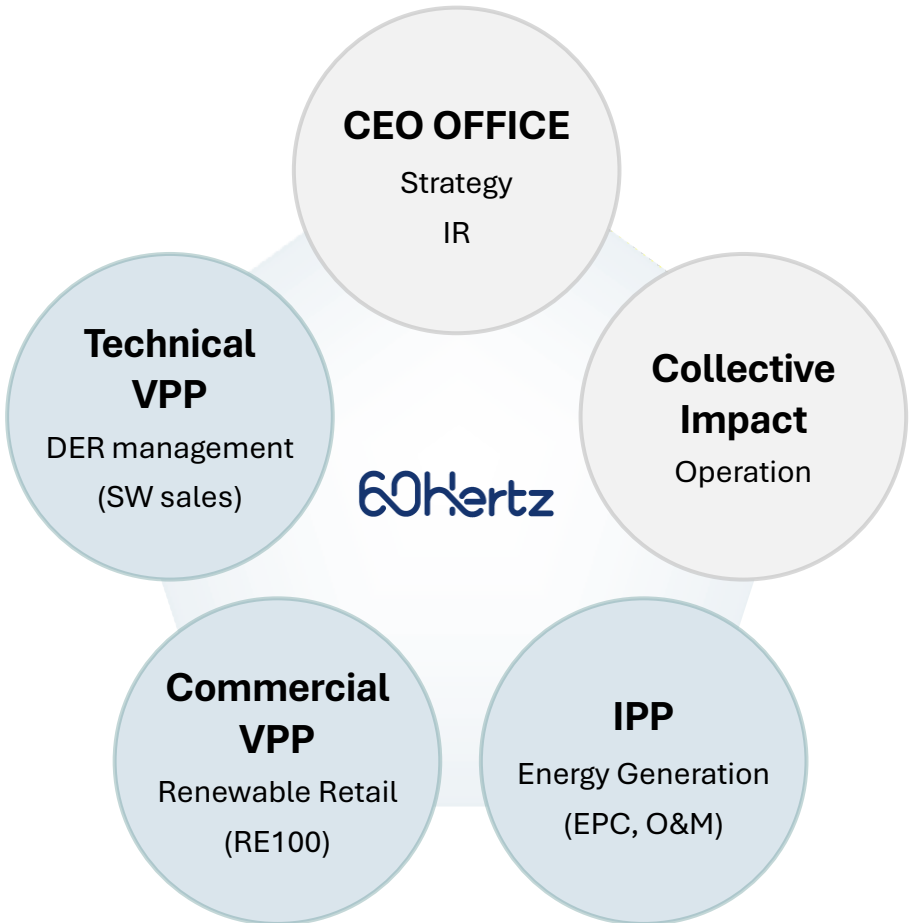
Independent Power Producer



Renewable Energy

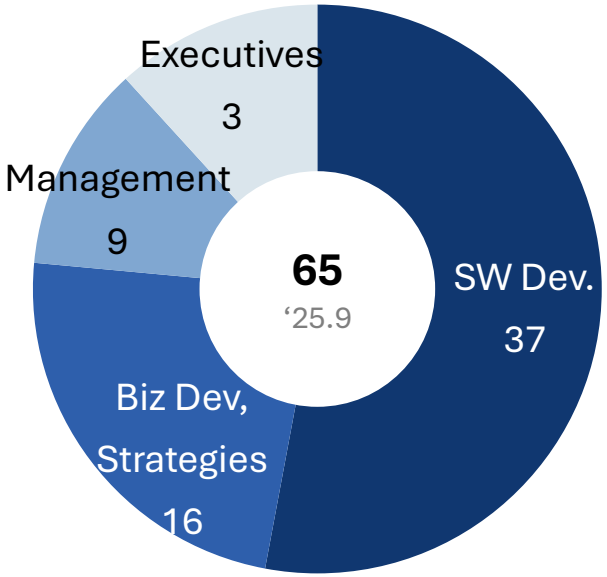
Team

Agile Organization



● Business ○ Support & Operation

Types



56% R&D

26% Master or PhD

Background



Thank you