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CEO, Hellas Sat

25^ο Συνέδριο InfoCom World 2023 – Media + AI World

Diginvest in Greece: New Horizons!

14 December 2023

OUR STORY THROUGH TIME

2001	2003	2005	2009	2015	2017	2017	2019	2020
Foundation	Our first satellite, Hellas Sat 2, is launched	Launch of DVBRCS satellite internet service, first in Europe	Our Teleport Facility in Cyprus is established	Our Teleport Facility in Greece is established	New heights with the launch of Hellas Sat 3	Renewal of Licensing Agreement with Hellenic Republic until 2041 securing amortization of current satellites and ground infrastructure	Our network is stronger than ever with the launch of Hellas Sat 4	Successful launch of Managed Services from our Cyprus teleport

10°W Hellas Sat 2 at inclined orbit offering mobility services
 39°E fastest growing video neighborhood in CEE



Amendment of the Licensing Agreement with Cyprus Republic with a reduction of €7,6M of the license fees



We celebrated our 20th anniversary demonstrating 5G over satellite backhauling solutions



Reached 1000 connected terminals from leisure yachts to Oil & Gas Rigs



Launch of ICT services from Greece & Cyprus

8 Broadcasting platforms migrated from competition
12 Gov & Def agencies rely on us for their critical services



Digital Economy

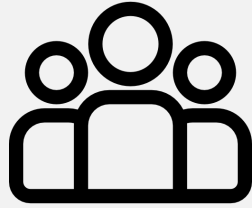
The digital economy is experiencing significant growth and transformation, projected to account for 25% of global GDP by 2030.

23

% CAGR from 2019 to 2025 (*)



*Quixy



User Penetration

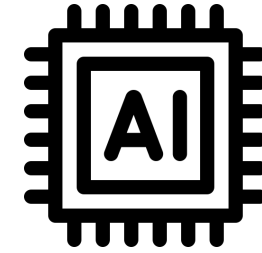
Rising user penetration rates offer strong growth opportunities. More digitally-savvy users drive innovation and standards for applications and experiences.

7.49

Billion Mobile Users by 2025 (**)



**Statista



AI Breakout year

Generative AI is projected to increase global productivity by 1% annually. Adoption must come throughout the ICT landscape.

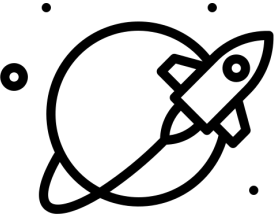
100

Million active ChatGPT Users in 2023 (***)



***TechCrunch

DIGITAL ROADMAP



Space

By 2025, the global space sector is projected to experience significant growth and transformation. Year after year, we reach a new record of total rocket launches.

40-50k

satellites serving 10M users by 2025 (*)



*Deloitte



Next-gen networks

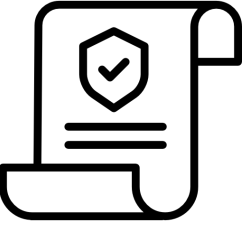
Europe is bolstering its 5G capabilities and paving the road to 6G through the SNS Program (Smart Networks and Services)

1.8B

EUR invested by 2027 (Public & Private Sector) (**)



**Europa.eu



Policy

Besides economic incentivization, policy making must focus on simplifying licensing and operational processes for high-tech firms in emerging technologies.

6.5K vs 90K

Cyprus vs Greece for Licensing of Ka Gateway Antenna



CHALLENGES AHEAD



Workforce

Development of human capital and maintaining a skilled and effective workforce is one of the main challenges for the future



Innovation

Innovation will keep pushing the economy, eliminating from the market those who fall, at a faster pace than ever before.



Security

New threats with greater impact than ever will create cross-sector challenges that we must prepare for



HELLAS SAT POSITIONING FOR THE NEW HORIZONS AHEAD



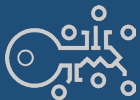
Tier IV Data Centers

Demonstrating a new era in infrastructure excellence, the launch of the Tier IV Data Centers in Greece & Cyprus will unveil an unparalleled standard of resilience and efficiency in line with our Space standards.



Embracing the new multi-orbit era

Strategically positioned gateways from Greece and Cyprus. Decades of experience in GEO ready to support LEO constellations, manage and operate their networks.



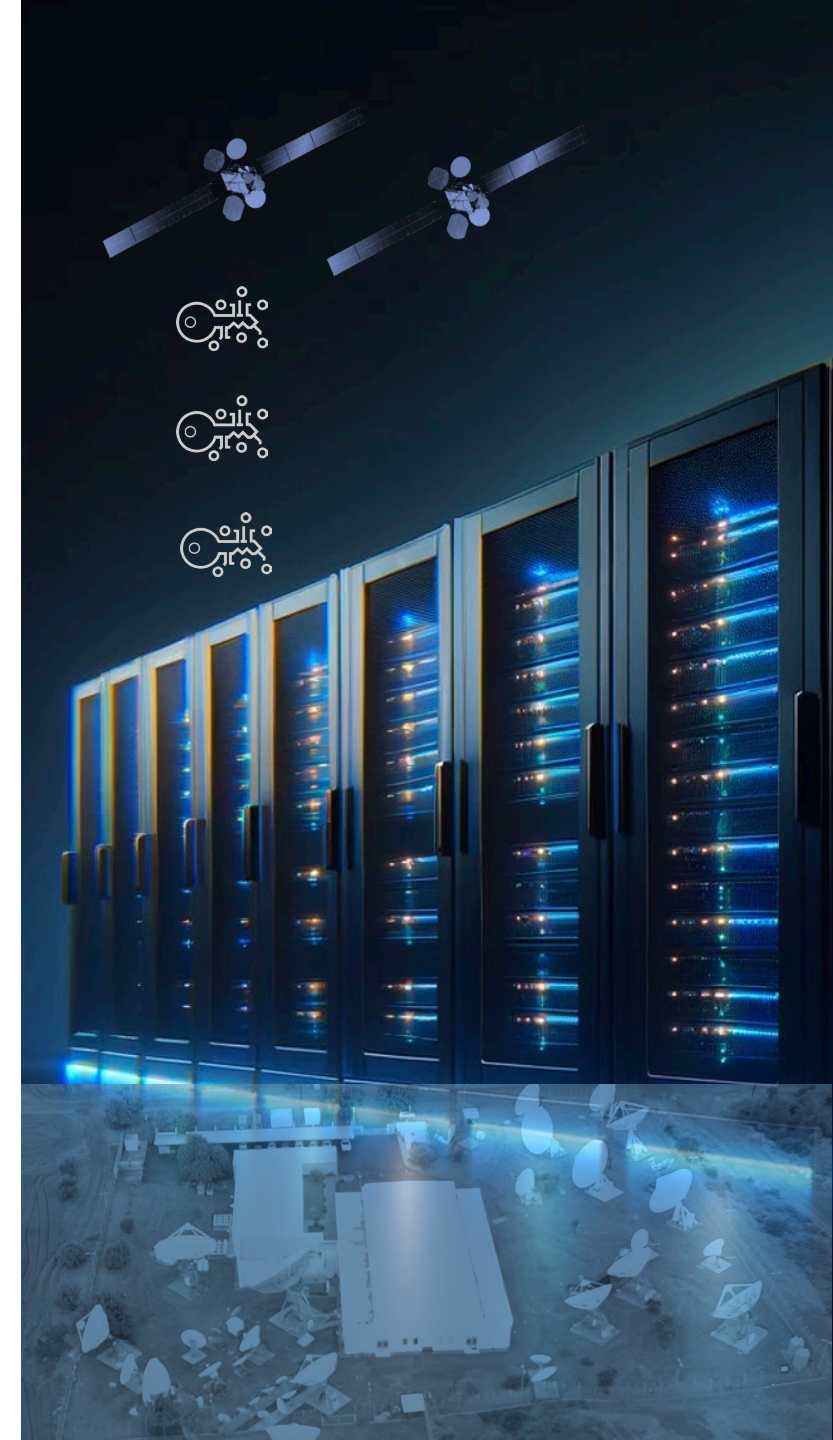
Quantum Key Distribution (QKD)

Supporting secure communication infrastructure for Governmental, Financial, Healthcare Institutions using quantum technology

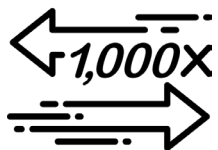


Optical Satellite Communications

Development of an innovative optical communication payload on the HELLAS SAT 5 Satellite in collaboration with the European Space Agency for high data rates and secure communications.



HELLAS SAT 5 – The optical Communications Satellite



Data Rates

High data rates (100 Gbps per laser beam for a total of 1Tbps)



Highly Secure Communications

Suitable for Governmental and Commercial Entities



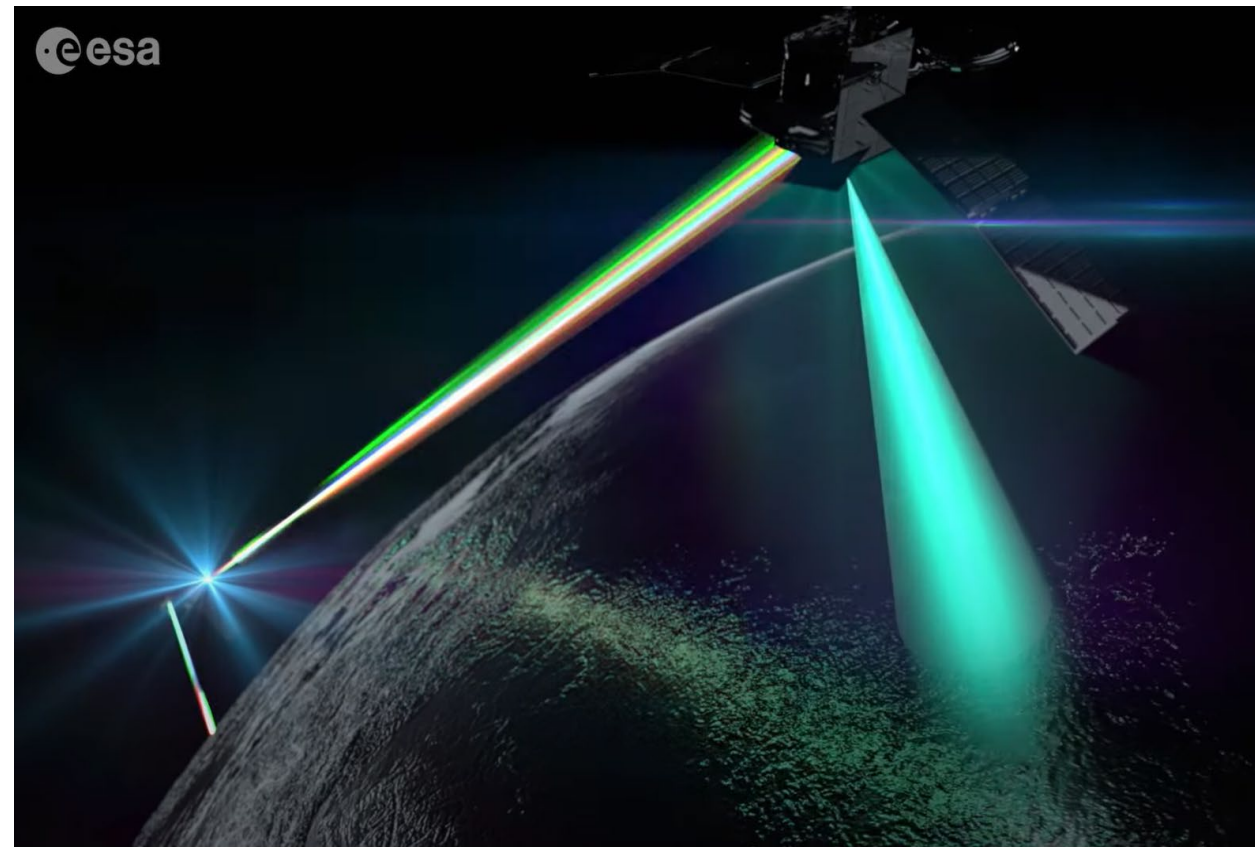
Connectivity

Ultra-broadband digital connectivity to remote areas integrating seamlessly with terrestrial optical fiber networks



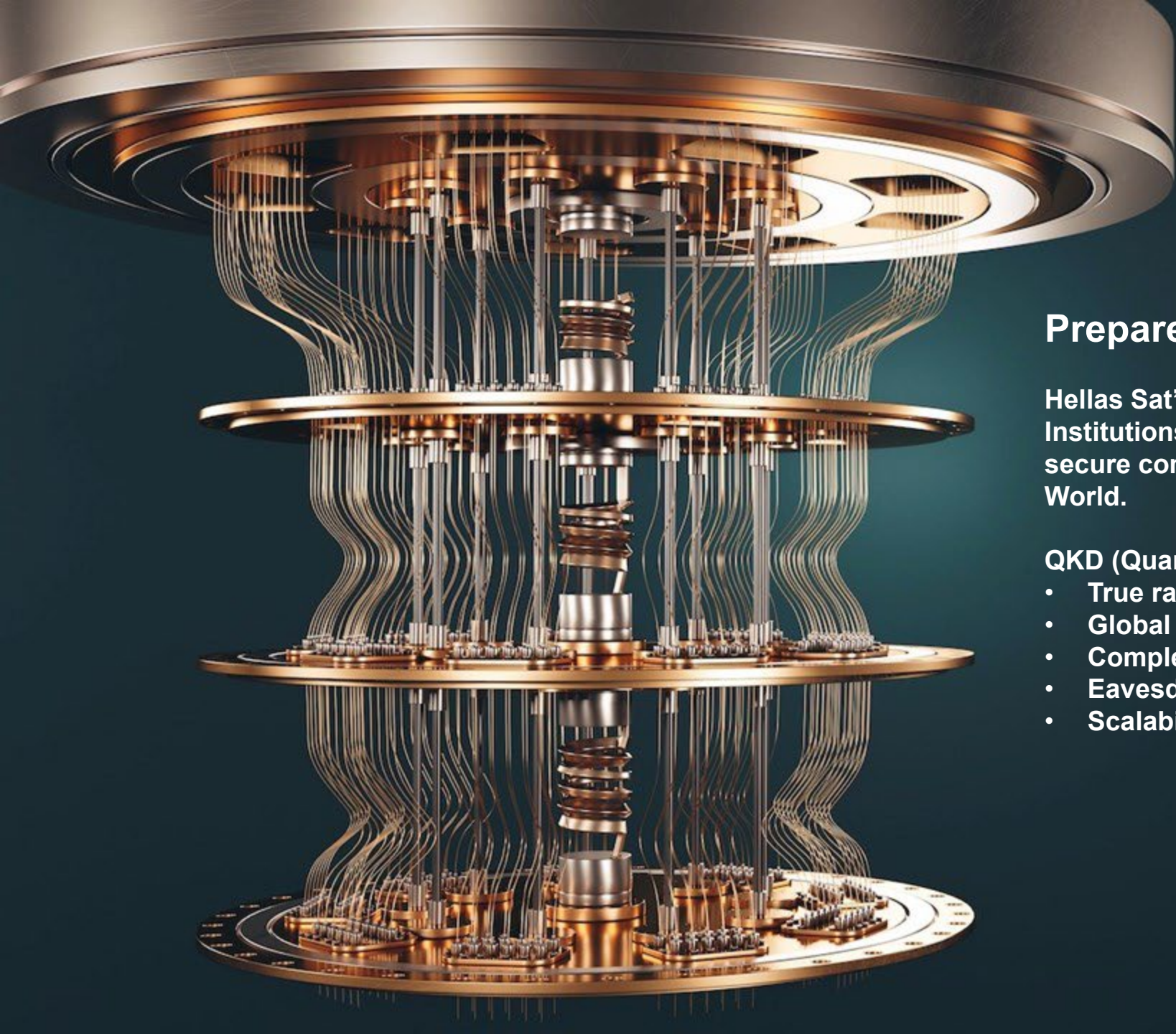
Flexibility

Fast deployment, no interference with RF networks and no need for an ITU filing.



Development of an innovative Optical Communications Payload for Hellas Sat 5 in collaboration with the European Space Agency

Memorandum of Understanding with the National Observatory of Athens to connect an optical ground station in Greece with HS5's optical payload



Quantum Computers The Future Superweapon

Prepare for Q-Day.

Hellas Sat's vision is to support Governments, Financial Institutions and Healthcare Organizations navigate their secure communications needs in the future Quantum World.

QKD (Quantum Key Distribution) features:

- True random number generation
- Global reach via satellite networks
- Complete privacy during key delivery
- Eavesdropping detection
- Scalability and automation



www.hellas-sat.net