

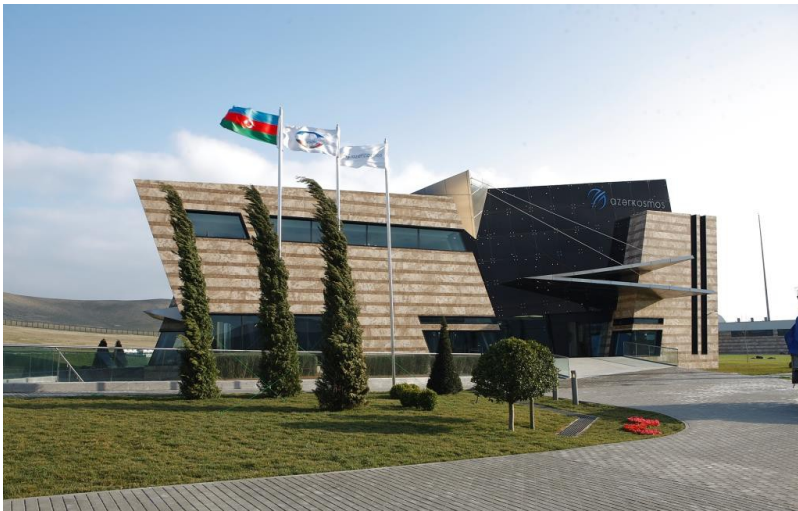
Azercosmos Overview

About us

- Azercosmos Open Joint Stock Company established in 2010
- Only satellite operator in the Caucasus providing satellite-based broadcast and communication services
- Technical personnel consisting of highly qualified local professionals trained in the USA, France, India, China, Malaysia and etc.
- Our **vision**: to become one of the leading providers of satellite services in Eurasia and Africa
- Our **mission**: to render high-quality satellite services based on customer satisfaction, sustainability and flexibility
- Our **values**:

Satellite Ground Control Stations

- Main Satellite Ground Control Station in Absheron Peninsula



- Back-up Satellite Ground Control Station in Nakhichevan



A large, abstract graphic on the left side of the page. It consists of several overlapping, rounded shapes in various shades of teal and light blue, creating a layered, organic effect. The text 'Telecommunication services' is centered within the darkest teal area.

Telecommunication
services

Azerspace-1

46° E

- **Launched:** 2013
- **Manufacturer:**
Orbital Sciences

- **C-Band**
- **Beams:**
- 1. Africa & Europe

- 2. Central Asia & Europe

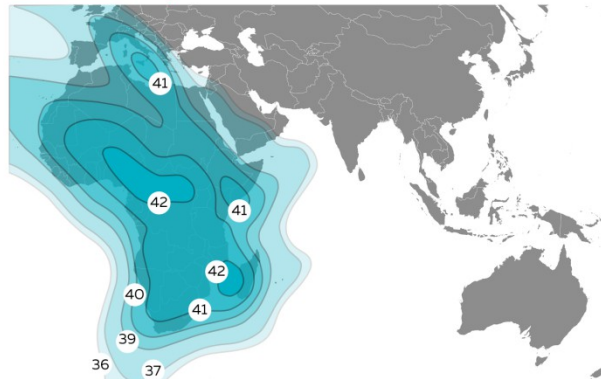
- **Payload:**
- 24 (36 MHz) active transponders

- **Ku-Band**

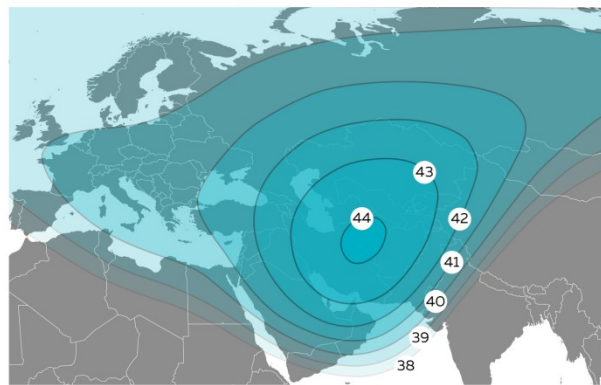
C-Band

Uplink: 5.9-6.4 GHz Downlink: 3.7-4.2 GHz
Polarization: V/H for Africa/Eu Beam RHCP/LHCP for C.Asia/Eu/MENA Beam

Africa & Europe Beam



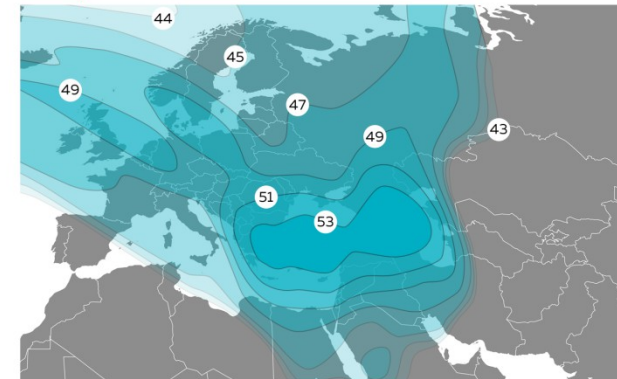
Central Asia & Europe Beam



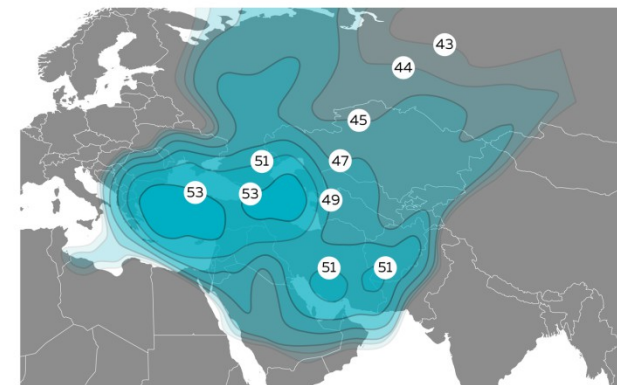
Ku-Band

Uplink: 13.7-14.0 GHz Downlink: 10.9-11.2 GHz
Polarization: V/H

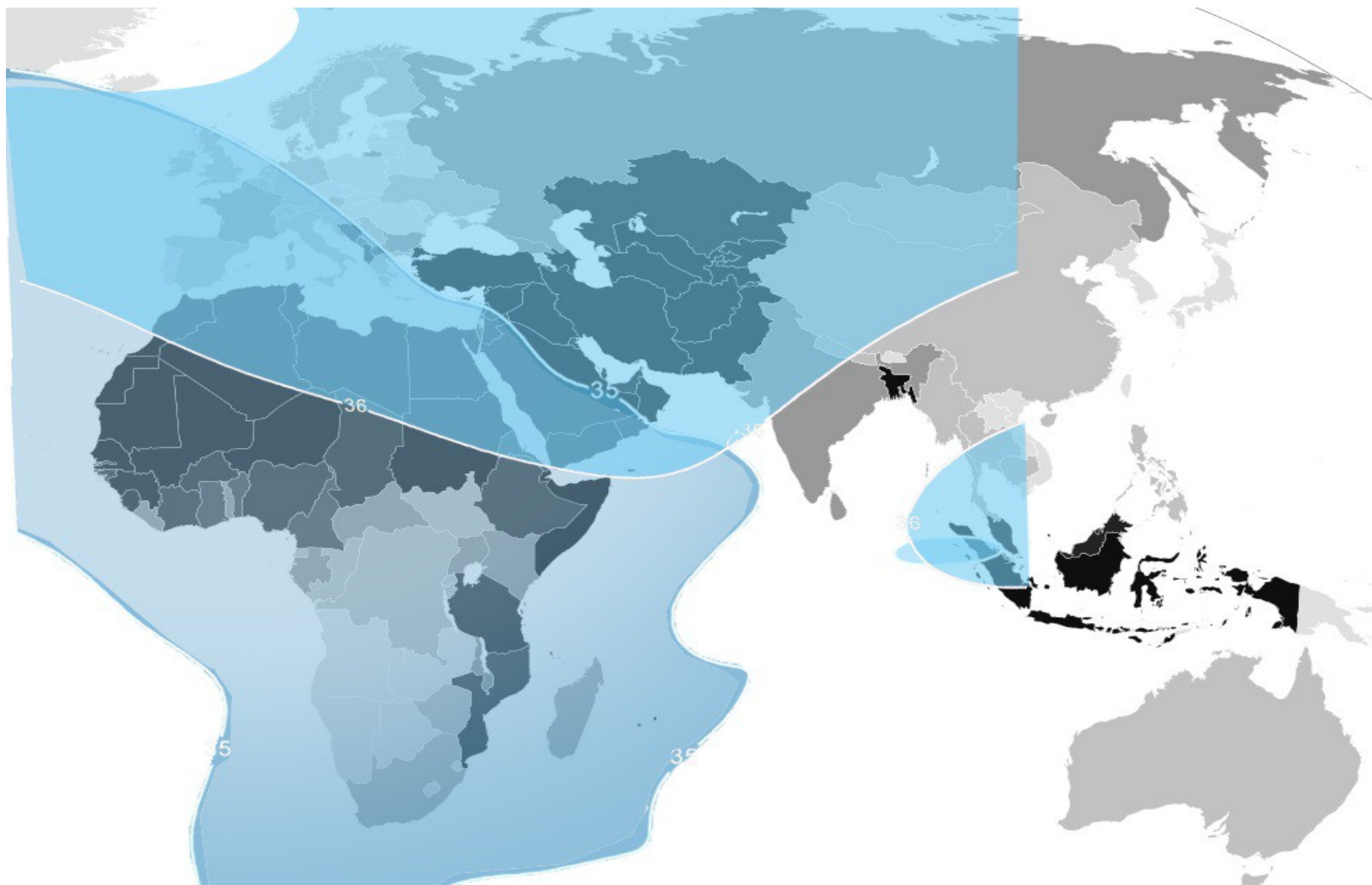
Europe Beam



Central Asia Beam

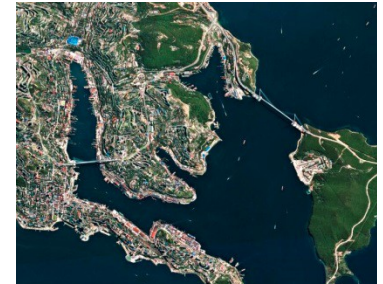


Combined coverage of Azerspace-1 at 46° E



Azerspace-1 Products and Services

- **Video Direct to Home** using the purpose built 36 MHz transponders on Azerspace-1
- Video Distribution in Central Asia and Central and Eastern Europe
- Video playout services



Azerspace-1 Technical Support

- 24/7/365
- Support languages: Azerbaijani, English, Russian and Turkish
- Link budget calculation in 2-24 hours
- Link activation in 10-15 minutes



Our Customers



Countries Covered by Azerspace-1

- Afghanistan
- Albania
- Algeria
- Andorra
- Angola
- Austria
- Azerbaijan
- Bahrain
- Bangladesh
- Belarus
- Belgium
- Benin
- Bhutan
- Bosnia

Countries Covered by Azerspace-1 (cont.)

- Mali
- Malta
- Mauritania
- Mauritius
- Monaco
- Moldova
- Mongolia
- Morocco
- Mozambique
- Myanmar
- Namibia
- Nepal
- Netherlands
- Niger

Azerspace-2

45° E

- **To be launched:**
2017

Ku-Band

Uplink: 14000-14750 MHz Downlink: 11450-12750 MHz
Polarization: Linear

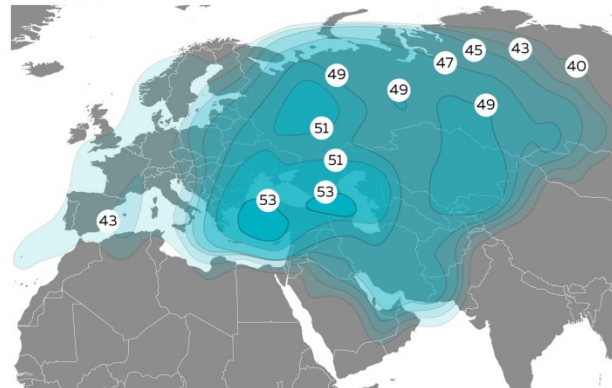
- **Manufacturer:**
Space
Systems/Loral

- **Partner:** Intelsat

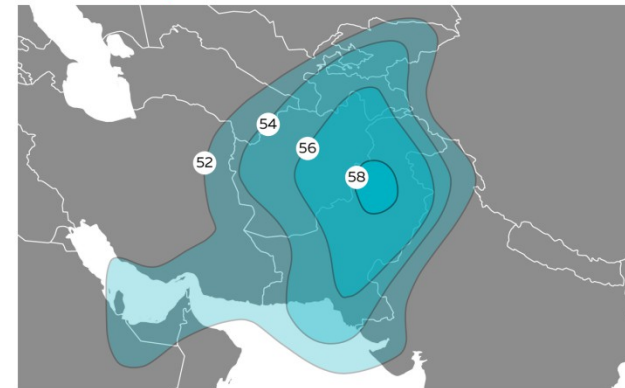
- **Coverage**

- Europe
- Central and South
Asia
- Middle East
- Tropical Africa

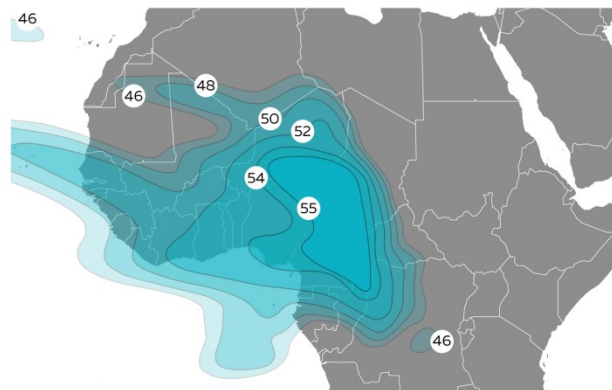
Europe/Asia Beam



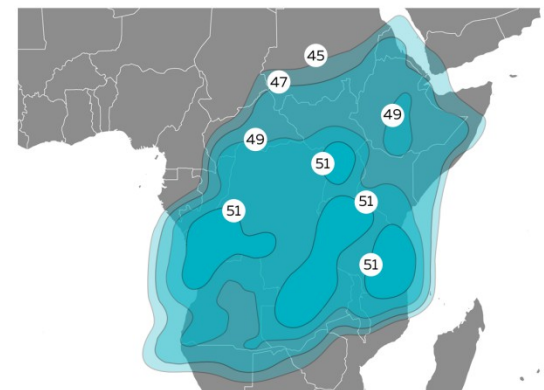
Pakistan/Afghanistan Beam

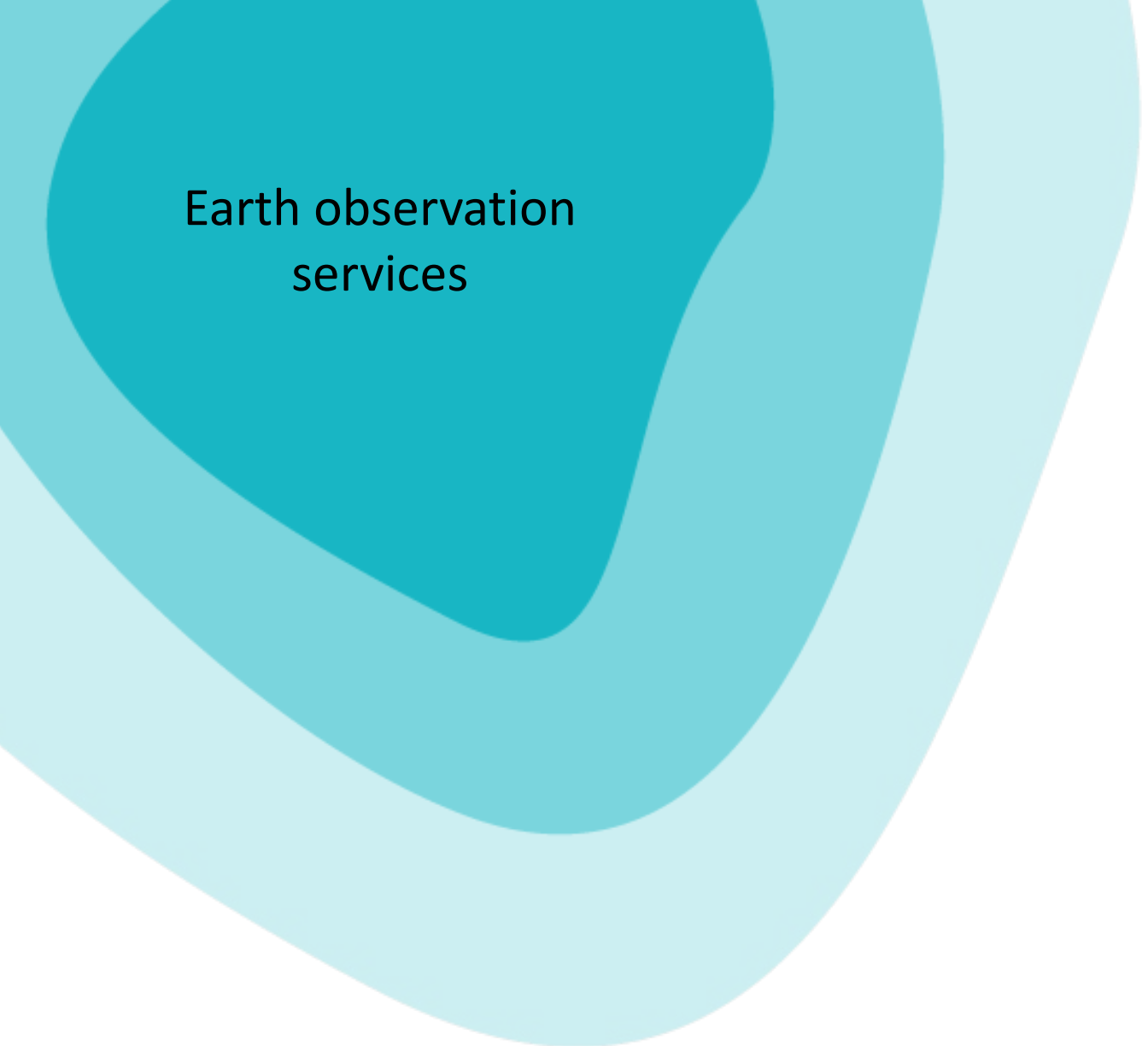


West Africa Beam



Central Africa Beam





Earth observation
services

Azersky, Earth Observation Satellite

- **High resolution** (1.5m imagery products) optical Earth observation satellite
- **Azersky (SPOT 7)** together with **SPOT 6** form Earth-observation constellation with highly responsive sensors that increase acquisition capacity and simplify data access
- **Launched:** 2014
- **Manufacturer:** Airbus Defence and Space



Azersky technical information

- *A new resolution/coverage ratio*

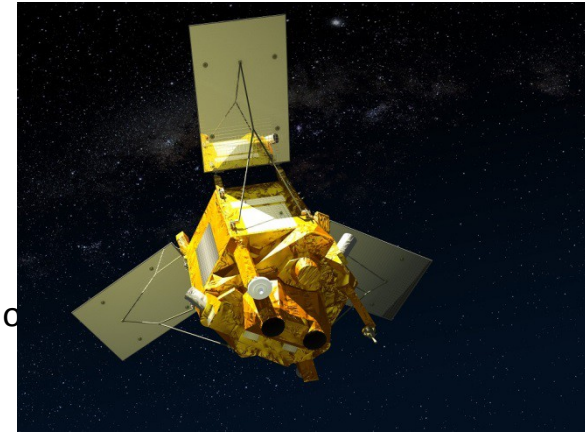
1.5 m

Panchromatic and

Pan-sharpened product

12 bits

Pixel depth at acquisition



Red

Green

Blue

Near Infrared

6 m

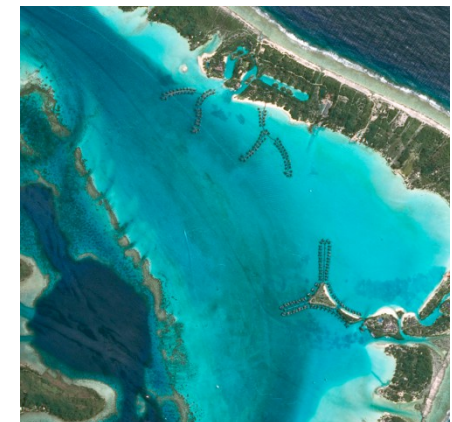
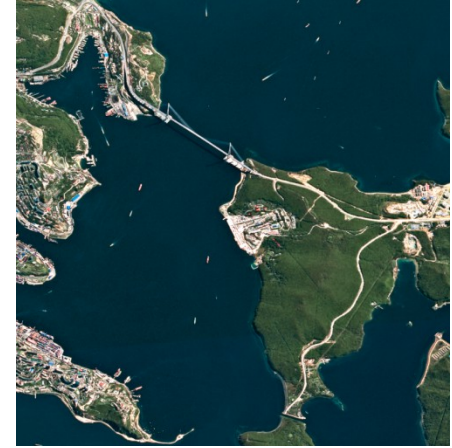
6-10 m

15

Geolocation accuracy CE90

Azersky main applications

- Defence and Security
- Emergency Response
- Maritime surveillance and Seafaring
- Oil and Gas Exploration
- Tourism
- Urban Planning
- Transportation and Road Infrastructure
- Cartography
- Environmental Protection
- Agro-environmental Monitoring
- Development of Scientific Research



Preferred Business Area

- Is particular group of countries in which Azercosmos carries out commercial and marketing activity within strategic partnership agreement with Airbus DS. This includes:
 - ✓ Azerbaijan
 - ✓ Uzbekistan
 - ✓ Kyrgyzstan
 - ✓ Tajikistan
 - ✓ Turkmenistan

For further
details
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Thank You!