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CEO & FOUNDER

CHINA HEAD AEROSPACE

18 JUNE 2018, UNISPACE+50, VIENNA



About China HEAD Aerospace





HEAD Aerospace Netherlands

Downstream Applications & Services

HEAD Aerospace France

International Business Development Space Micro System Innovation Center (Italy)

30-300 Kg Micro/Small Satellite R&D

- Founded in 2007
- Privately owned company
- We are transforming from our core space engineering activity to be a New Space smallsat operator

Headquarter (Beijing)

Space international cooperation

Constellation deployment and building

Industry solutions

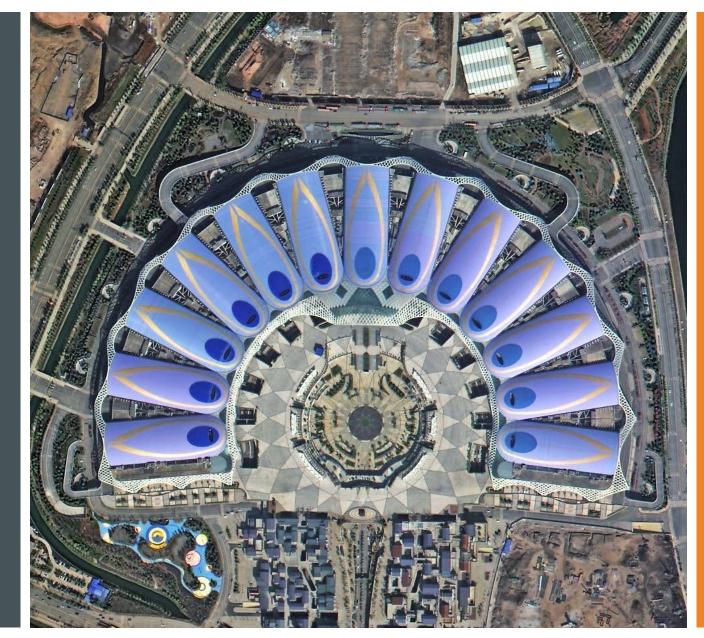
Downstream Applications & Services





INTERNATIONAL COLLABORATION : 300 + GLOBAL PARTNER & CUSTOMER





OUR VISION: NEW SPACE

INNOVATION COLLABORATION TRANSFORMATION

TO SUPPORT SUSTAINABLE DEVELOPMENT

TO PROVIDE SOCIAL ECONOMIC BENEFITS





HOTO LAUNCHED OF HEAD-1 SATELLITE ON 15 NOV 2017 , SKYWALKER CONSTELLATION

SKYWALKER CONSTELLATION

24 SMALLSATS 50 – 150 KG CLASS

AIS + IOT NARROWBAND COMS HOSTED EO PAYLOADS

EU PAYLOADS HEAD-1 LAUNCHED 2017

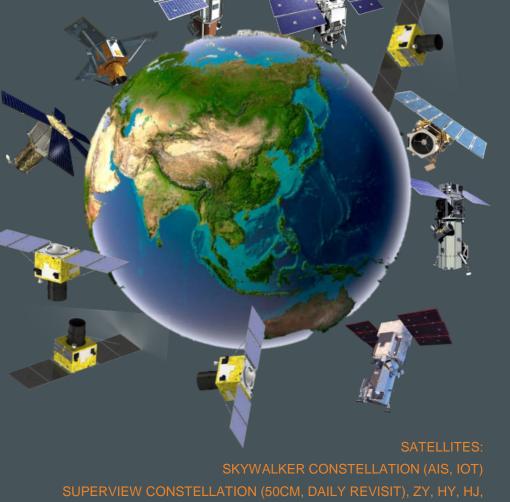


BIG DATA & ARTIFICIAL INTELLIGENCE

We invest in:

BIG DATA MANAGEMENT to offer data collected from 17 Chinese civil Earth observation satellites

ARTIFICIAL INTELLIGENCE to let APPLICATION go beyond from data to information



GF CONSTELLATION (OPTIC, RADAR, HYPERSPECTRAL)







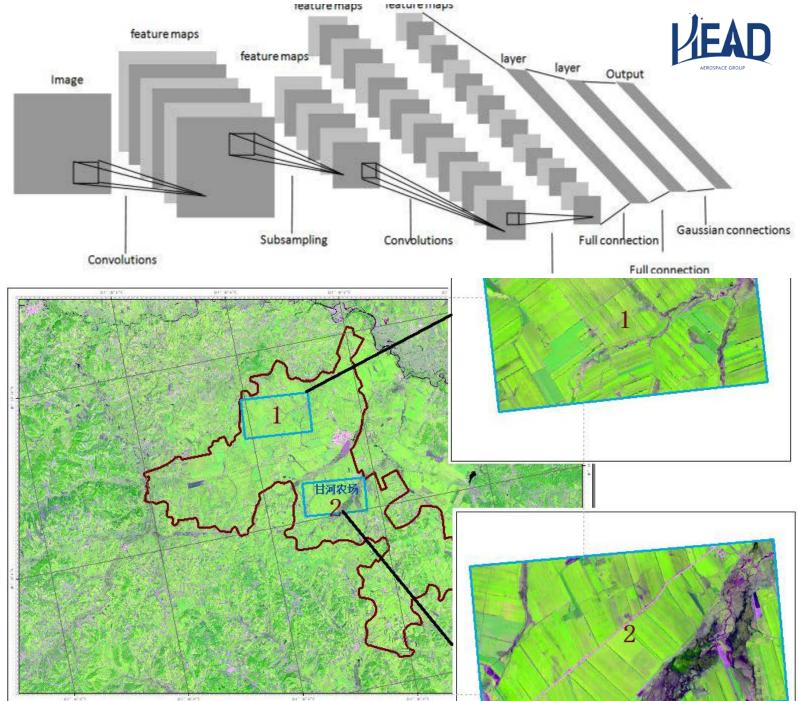
SOYBEAN YIELD PREDICTION

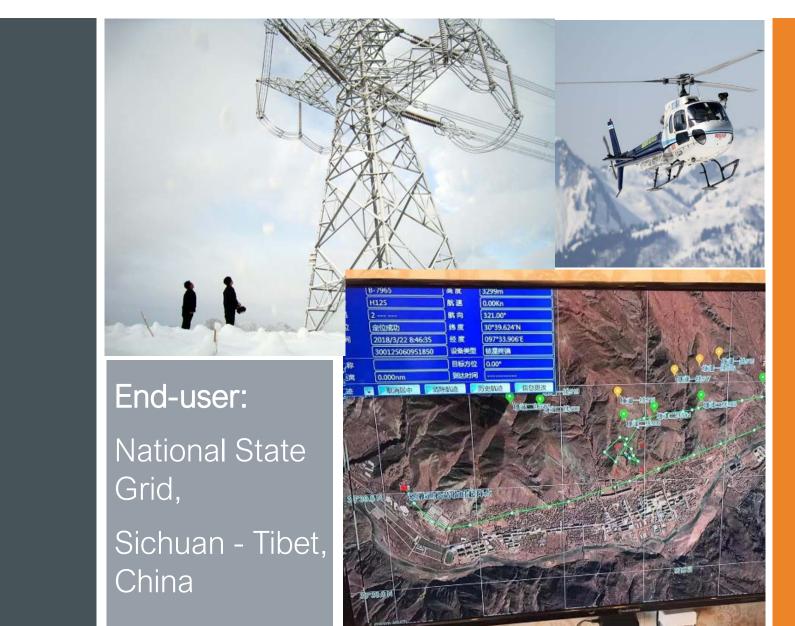
Sustainable development User case 1

Using satellite imagery + in-situ + Machine learning

Classification, Crop Plans, Feature classification, Vegetation indices for remote area in Inner Mongolia

Increase end-user awareness on space technology in China





POWER LINE INSPECTION, **EMERGENCY MAPPING &** COMMUNICATION

Sustainable development User case 2:

Ultra high voltage power line : 6500+ km

RMB 30 billion investment in power line network Sichuan/Tibet

Using satellite image + helicopter emergency communication by satellite





WE INVITE YOU, AS A PARTNER, AS A USER. JOIN US TO BUILD A SUSTAINABLE ECOSYSTEM TOGETHER.

Jason ZHOU, CEO, jason@head-aerospace.com ; Kammy BRUN, Head of Business Development, kammybrun@head-aerospace.fr



VERAD спасибо Danke 谢谢 Дякую **MERCI** Շնորհակալություն **GRAZIE THANK YOU** Shukran Muchas Gracias

PHOTO SUPERVIEW - I SATELLITE, 50 CM, 2017, VIENNA