



# HIRP 2019

*Openness*

*Collaboration*

*Innovation*

*HIRP ( Huawei Innovation Research Program )*





# Huawei: Leading Global Provider of ICT Infrastructure and Smart Devices



## Bring digital to every person, home and organization for a fully connected, intelligent world

Huawei's end-to-end portfolio of products, solutions and services are both competitive and secure. Through open collaboration with ecosystem partners, we create lasting value for our customers, working to empower people, enrich home life, and inspire innovation in organizations of all shapes and sizes.

At Huawei, innovation focuses on customer needs. We invest heavily in basic research, concentrating on technological breakthroughs that drive the world forward.



**188,000**

Employees



**80,000+**

R&D employees



**170+**

Countries and regions



**68** in

Interbrand's  
Top 100  
Best Global Brands



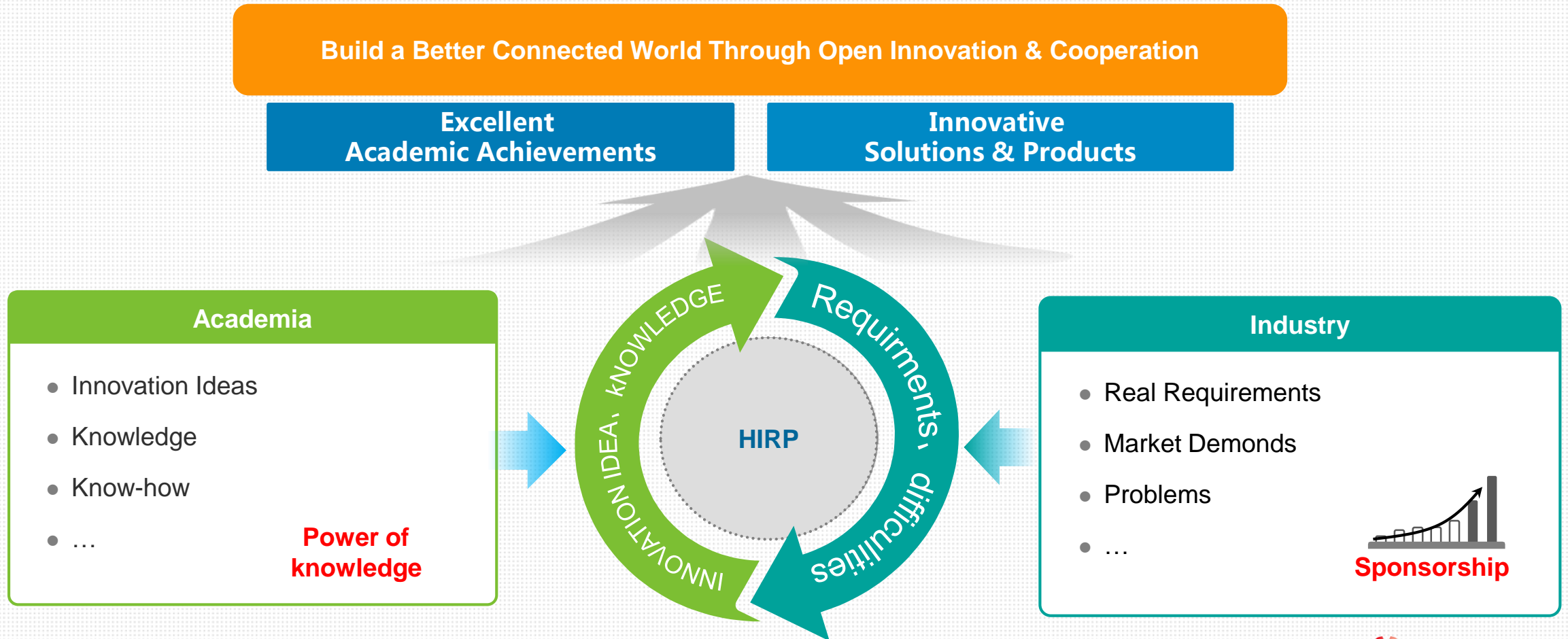
**72** in

Fortune Global 500



# What HIRP is about

- **HIRP : Huawei Innovation Research Program**
- **An Open Innovation Initiative, a sponsorship program targeted at funding leading universities and research institutes conducting innovative research in ICT areas**



# Why HIRP?

## Complementary Advantages

### Huawei:

- Improve and ensure competitiveness through cooperation with academia.
- Better serve our customers.
- Lead the ICT industry.

### Academia:

- Understand the real requirements from the market.
- Transfer academic results into productive innovations
- Identify new research directions.
- Nourish talents and grow teams

**Balance the research freedom of academia and the goals of industry,**

## Innovation is marathon

- Research and innovation are high-risk activities, that go hand in hand with failures.
- Huawei's commitment to continuous investment in R&D, long-term cooperation and innovation .
- **Only pure perseverance leads to breakthrough.**

## Open Collaboration

- The collaboration with academia needs to be **open**: open-mindedness in a friendly and open atmosphere.
- Explore the cutting-edge topics from multiple paths and multiple directions.
- Enlarge the investment in the basic research under the tip of the iceberg.
- Spur novel ideas to great opportunities, fasten transfer from knowledge to productivity.



# Sustained Investment and Innovation: Mapping the Future of the Industry

## Focusing on digital infrastructure

- Network technologies: 5G, SDN/NFV, IP + optical
- Cloud technologies: Computing, storage, security
- Device technologies: Sensing, perceiving, intelligence

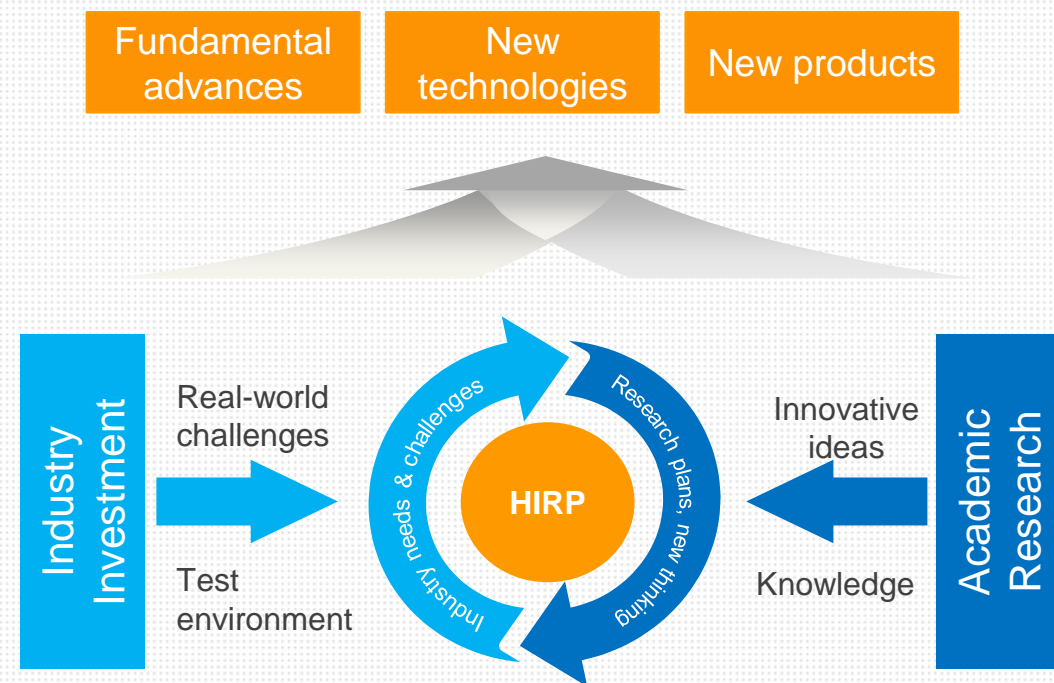
## Enabling an intelligent world

- Cutting-edge technology research: Video recognition, virtual reality, blockchain
- Solutions for real-world challenges: Digital twin, Safe City, new finance
- Investment in basic technologies: Software, hardware, algorithms, basic science

## Open innovation, absorbing new ideas

- Processes adapted to the uncertainties of innovation: Practices, processes, investment, etc.
- Innovation centers near research and innovation hotspots worldwide
- The Huawei Innovation Research Program (HIRP) works with leading global researchers on new technologies and commercialization, driving the ICT industry forward.
- In 2018, the HIRP innovation brand continued to grow. HIRP published 180 research topics, and received about 750 innovative proposals. Researchers hailed from nearly 300 universities in 33 countries and regions.

## Huawei Innovation Research Program (HIRP)



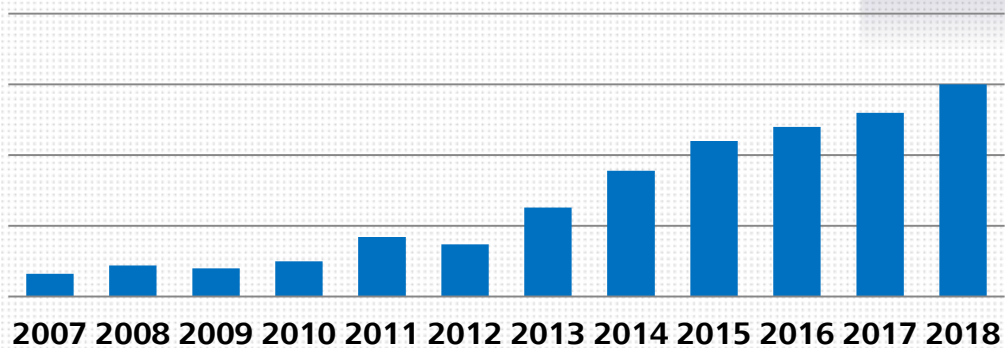
### Awards received by HIRP:

- Business Model Transformation Award by World Open Innovation Conference
- ISPIIM Grand Prize by International Society for Professional Innovation Management



# Over 13 Years of History

**Hundreds of world-class research organizations**  
**Almost 30 countries worldwide**



**More than 800 HIRP projects were awarded**



# HIRP Process



**HIRP** : usually 4 rounds per year, the main round is in May ; there are other three rounds in June, August and October

Submission through  
HIRP WEBSITE  
<http://innovationresearch.huawei.com/>

**HIRP** : usually in 1-2 months after proposal submission

The agreement type or IPR Policy depends on the project , there is

- Contract –based
- Collaborative research
- Sponsored research
- Gift funding
- Owned by University
- Jointly owned



# HIRP 2019 Round 1



10<sup>th</sup> May, 2019

10<sup>th</sup> May ~ 25<sup>th</sup> June

July 2019

August ~ October, 2019

**Note:** After the deadline of proposal submission, any form of proposal submission will not be accepted.

**HIRP 2019 Round 1 will include about 120 research subjects involving 18 technical fields. The main fields are as follows:**





***Bring digital to every person, home and organization  
for a fully connected, intelligent world***

**THANK YOU**

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