



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

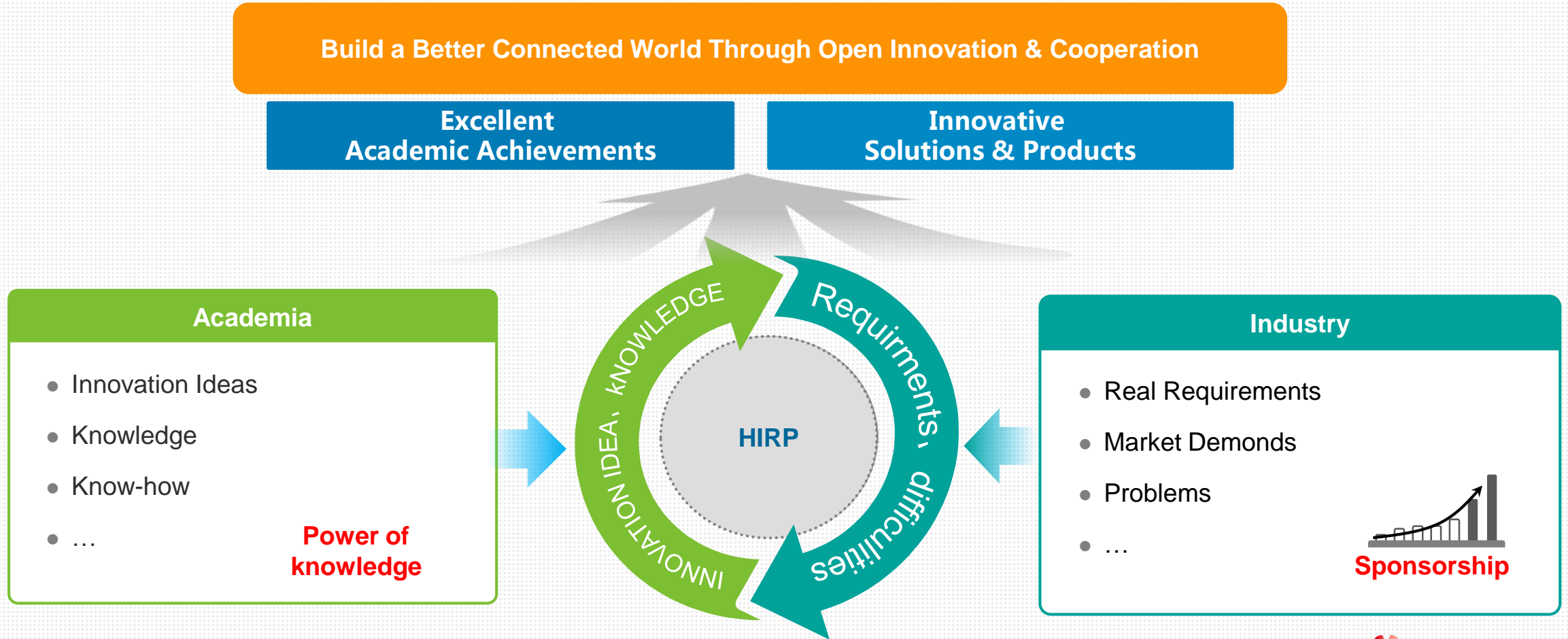


72 in

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

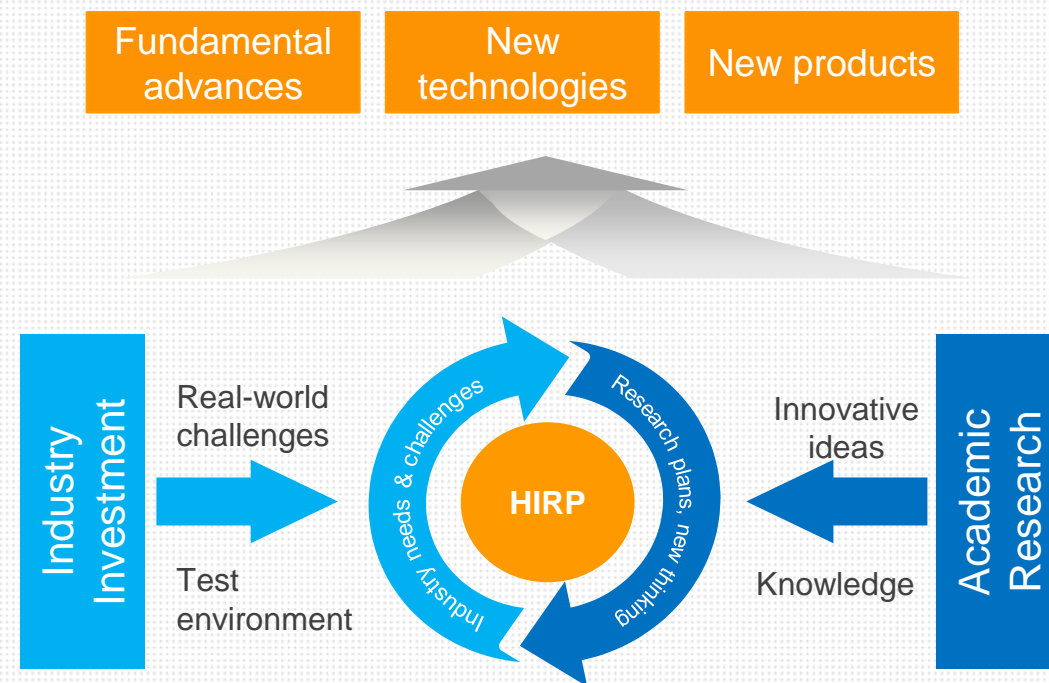
Enabling an intelligent world

- 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)

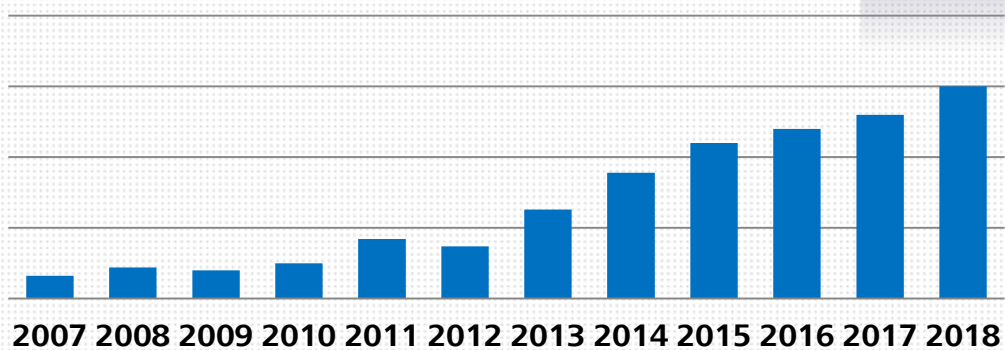


Awards received by HIRP:

- 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



10th May, 2019

10th May ~ 25th 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:



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THANK YOU

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