

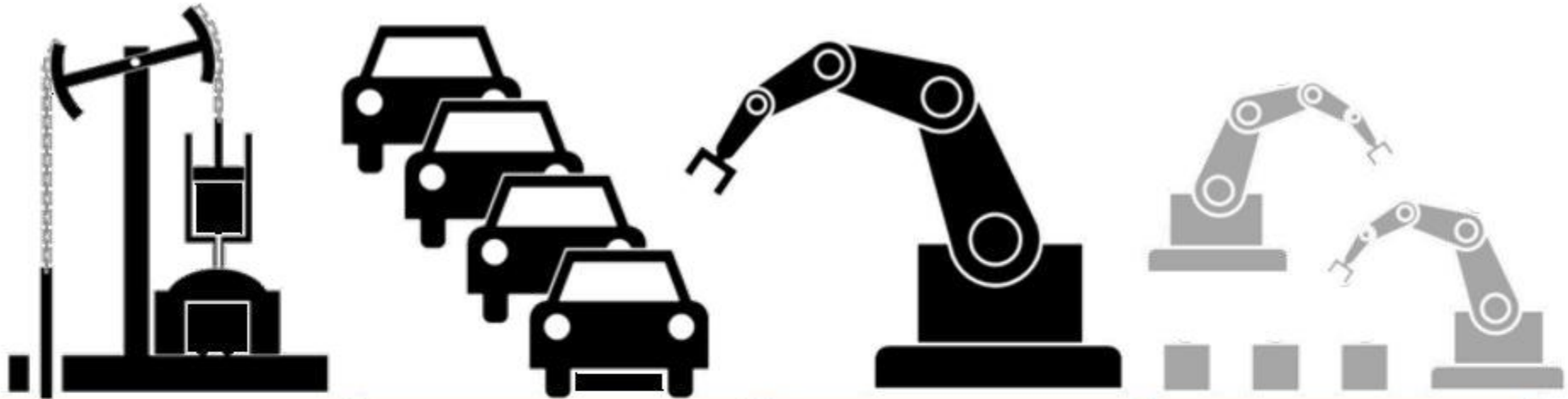


THE IMPORTANCE OF WAQAF FOR DEVELOPING SCIENCE, TECHNOLOGY AND INNOVATION FOR THE WELFARE OF THE UMMAH

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The Fourth Industrial Revolution



1st

2nd

3rd

4th

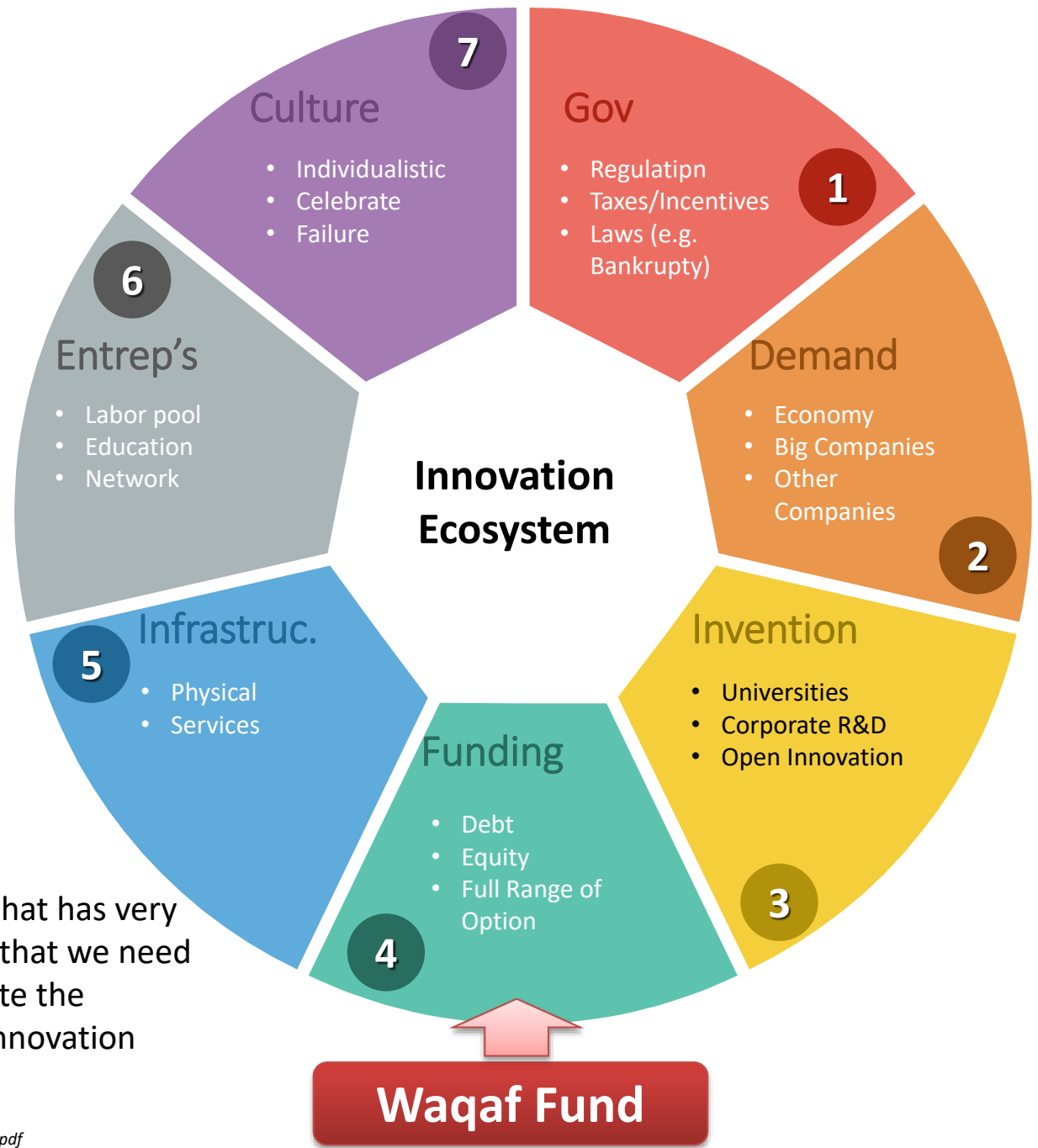
Mechanization,
water power, steam
power

Mass production,
assembly line,
electricity

Computer and
automation

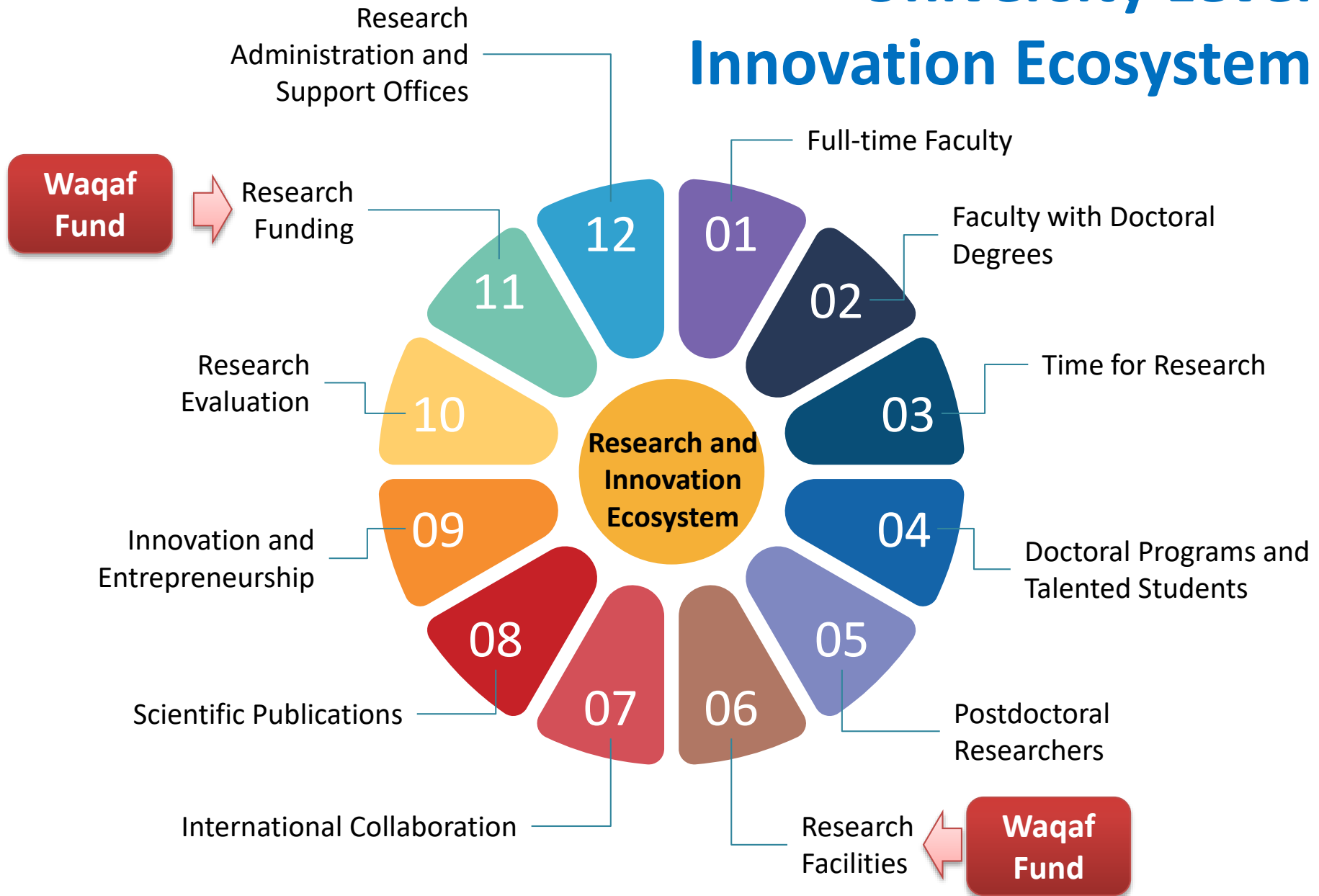
Cyber Physical
Systems

Innovation Ecosystem

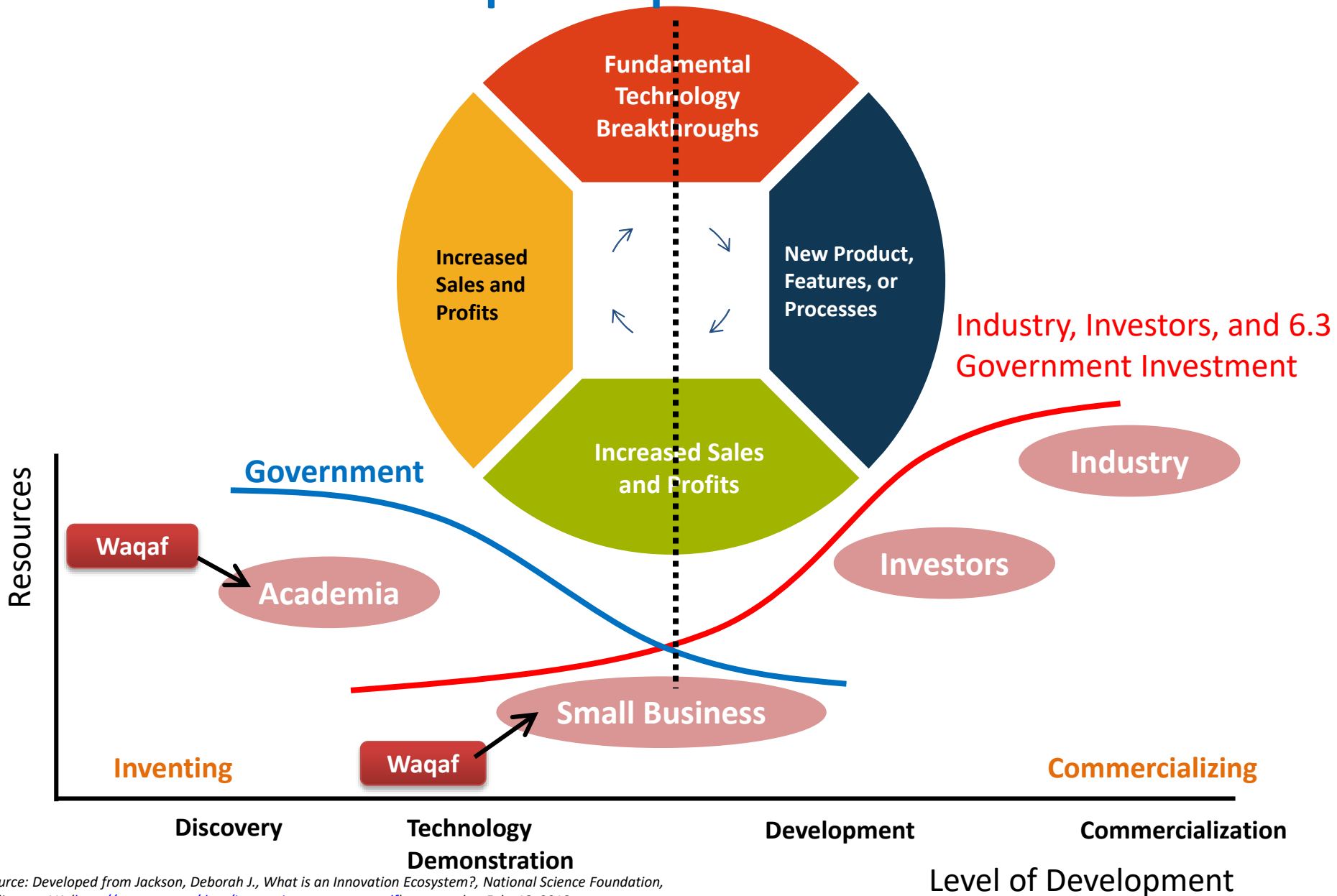


Since innovation is a key issue that has very important role in 4IR, it means that we need to have ecosystem that stimulate the emergence of innovation, i.e. innovation ecosystem

University Level Innovation Ecosystem



Innovation continuum, Funding, Valley of Death and Role of Waqaf and private sector



WAQAF IN INDONESIA

Waqaf Foundation of Universitas Islam Indonesia



23.187 Students



26 Research Centres

مؤسسة الأوقاف
للجامعة الإسلامية الإندونيسية
PENGURUS YAYASAN BADAN WAKAF
UNIVERSITAS ISLAM INDONESIA



WAQAF IN INDONESIA

Waqaf Foundation of Perserikatan Muhammadiyah

MAJELIS WAKAF & KEHARTABENDAAN
PIMPINAN PUSAT MUHAMMADIYAH



173

HE Inst.



473.529

Students in HE



186

Research Centres



384

Orphan House



15.918

Kindergarten



1.722

Junior High Sch.



461 Hospital,
Mother and Child
Health Center, Health
Clinic



2.604

Elementary Sch.



1.291

Senior High Sch.

WAQAF IN INDONESIA

Waqaf Foundation of Nahdlatul Ulama



111
HE Inst.



21
Research Centres



28
Hospital



8.781
Elementary Sch.



3.241
Junior High Sch.



1.122
Senior High Sch.

UTILIZATION OF WAQAF IN INDONESIA



Mosque
44,99%
142.897 Building



Tomb
8,34%
26.496 Building



Musholla
28,50%
90.526 Building



Islamic Boarding School
4,68%
14.868 Building

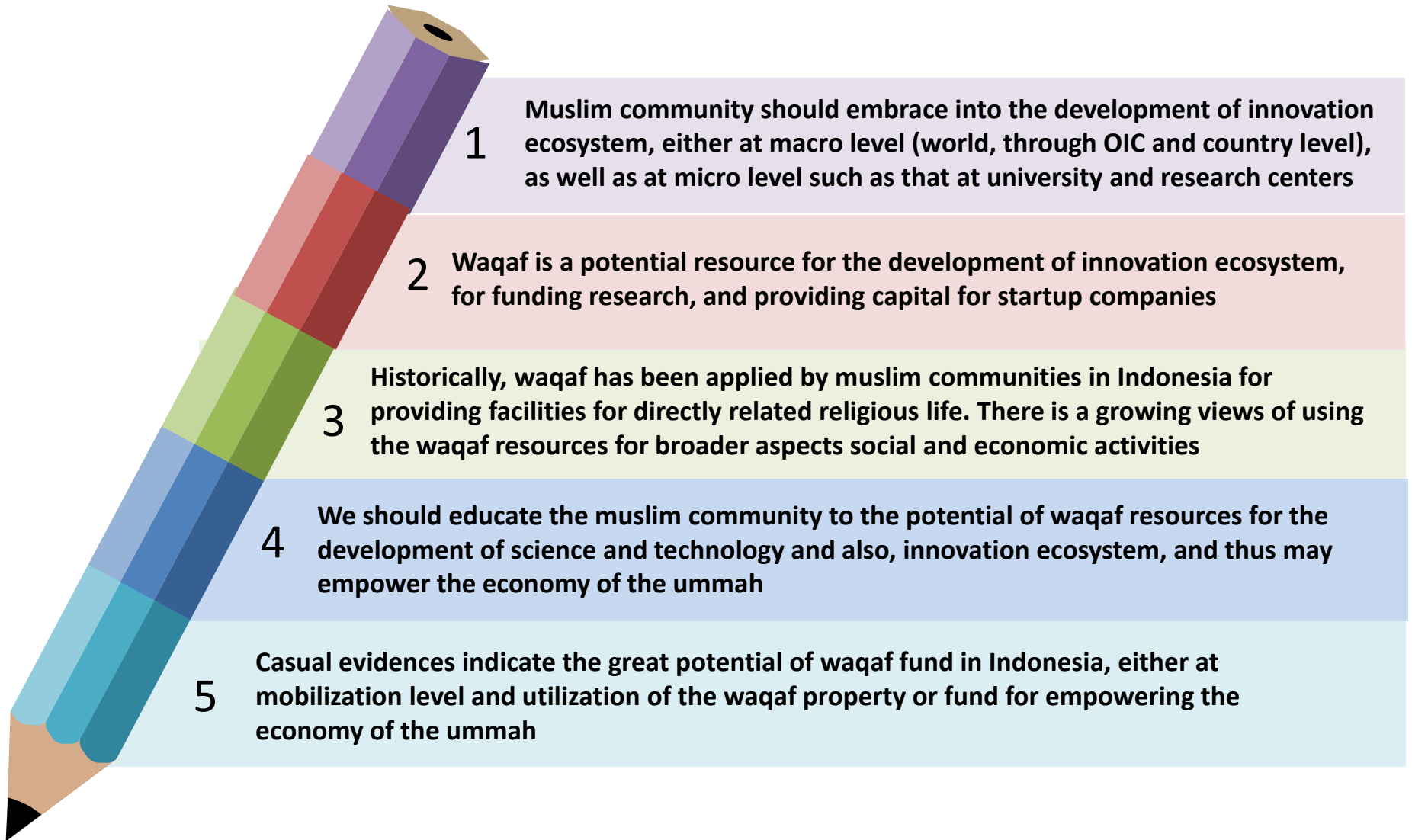


School
10,44%
33.148 Building



Other Social Foundations
3,04%
9.655 Building

Conclusion



1

Muslim community should embrace into the development of innovation ecosystem, either at macro level (world, through OIC and country level), as well as at micro level such as that at university and research centers

2

Waqaf is a potential resource for the development of innovation ecosystem, for funding research, and providing capital for startup companies

3

Historically, waqaf has been applied by muslim communities in Indonesia for providing facilities for directly related religious life. There is a growing views of using the waqaf resources for broader aspects social and economic activities

4

We should educate the muslim community to the potential of waqaf resources for the development of science and technology and also, innovation ecosystem, and thus may empower the economy of the ummah

5

Casual evidences indicate the great potential of waqaf fund in Indonesia, either at mobilization level and utilization of the waqaf property or fund for empowering the economy of the ummah

Thank you

