



**ifip**  
the leading edge of  
information technology

# Notes on IFIP Strategy

*Following IFIP Board  
meeting, Amsterdam  
June 2018*



## Vision

*Vision: Our vision is one of sustainable global development supported by efficient and effective ICT. The role of IFIP in enabling this vision is in stimulating and supporting global interaction and collaboration of ICT organisations, researchers and practitioners, so that the best possible ICT is applied in the most appropriate manner, to deliver optimum benefit for all.*



# Mission

Mission: The International Federation for Information Processing (IFIP) is a global non-profit federation of societies of ICT professionals. It aims to achieve the worldwide professional and socially responsible development and application of information and communication technologies.



# Values

IFIP is committed to upholding the following core values

- ❖ Excellent, rigorous, evidence-based **scientific** research and development.
- ❖ **Openness** and sharing of knowledge and data.
- ❖ Unbiased, non-political and neutral **advice**, interactions and information.
- ❖ Ethical use of ICT and **respect** for human diversity, dignity and privacy
- ❖ **Professionalism**, accountability and **transparency** in all our activities.
- ❖ Digital **equity** and opening new opportunities for disadvantaged sectors of society.



# Objectives

IFIP's strategic objectives are

1. To support **excellent research** by bringing together scientists and innovators.
2. To make the maximum contribution to the global scientific community through **open** communication, open science, open access, open data and open source.
3. To create positive impacts and benefits to society, by providing a trustworthy, expert and unbiased source of evidence-based **expert knowledge** to government and policy makers.
4. To promote and support **professionalism** within the IT sector
5. To increase public appreciation for ICT, science and research, by acting as a **voice for ICT**.



# Objectives

6. To contribute to ICT **education** and equity worldwide, in collaboration with our global partners.
7. To enthuse and engage our **member** organisations and their members.
8. To encourage **young** people to engage with ICT as a study option, career and profession.
9. To grow the IFIP **membership** base, by demonstrating member value.
10. To increase the capacity of IFIP to achieve its objectives, by growing the IFIP active **volunteer base** and support personnel.



# Activities: Research

IFIP will achieve its strategic objectives through the delivery of a portfolio of activities, as follows:

## **Objective 1: Supporting Excellent Research**

1. IFIP will continue to support its Technical Committees and Working Groups (TCs and WGs).
2. IFIP will continue to support the broadest possible involvement in the TCs and WGs.
3. IFIP will encourage collaborative cross-group communication and R&D wherever this may add value.
4. IFIP will continue to strengthen its links and collaborations with peer international organisations, such as ITU, ISO, IEC and ISO/IEC JTC 1.
5. IFIP will continue to support responsible research and innovation (RRI) throughout its TCs, WGs and member organisations
6. IFIP will highlight the outputs and results of its research activities to its member organisations.



# Activities: Open Science

## Objective 2: Open Science

1. IFIP will continue to organise a broad spectrum of excellent scientific conferences, symposia and other events.
2. IFIP will seek to publish the outputs of its TCs and WGs in open-access journals and in conferences where the proceedings are open-access.
3. IFIP will publish any software or other technical outputs from its TCs and WGs under an open-source license wherever possible
4. IFIP will encourage its member organisations to re-use any available IFIP outputs for their own programmes and purposes, and for the benefit of their memberships.

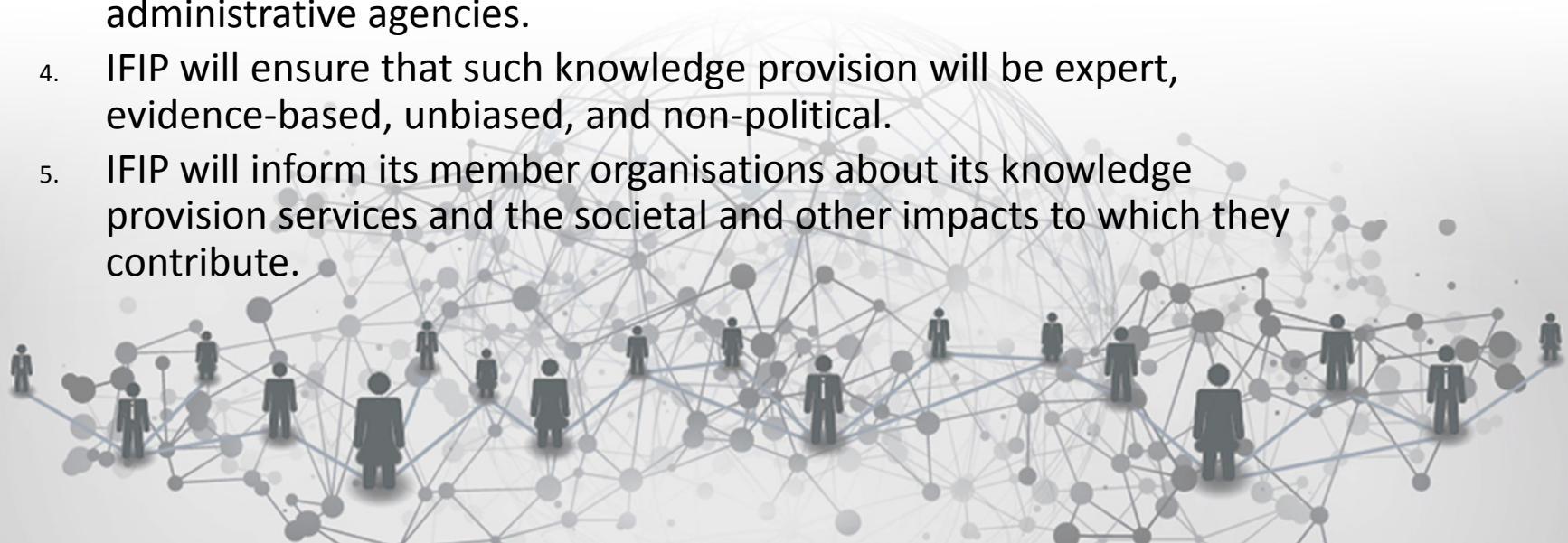




# Activities: Expert Knowledge

## Objective 3: Expert Knowledge

1. IFIP will, through its 'Excellent Research' and otherwise, maintain its expertise in key aspects of ICT and ICT-related matters.
2. IFIP will continue to develop further expertise in societal, ethical and legal aspects of ICT and the impact of ICT on society.
3. IFIP will make its knowledge available to its global partners, to governments and agencies, and to other regulatory, policy and administrative agencies.
4. IFIP will ensure that such knowledge provision will be expert, evidence-based, unbiased, and non-political.
5. IFIP will inform its member organisations about its knowledge provision services and the societal and other impacts to which they contribute.



# Activities: Professionalism

## Objective 4: Professionalism

1. IFIP will continue to promote professionalism (trustworthy, accountable, responsible, transparent computing) throughout the ICT sector
2. IFIP will continue to run and support the IP3 programme.
3. IFIP will facilitate the recognition of legitimate professional qualifications across borders.
4. IFIP will communicate its professionalism activities, and the benefits they bring, to existing and prospective member organisations.
5. IFIP will work with member organisations to promote wider public awareness of the value creation that can be realised through working with certified ICT professionals.



# Activities: a Voice for ICT

## Objective 5: a Voice for ICT

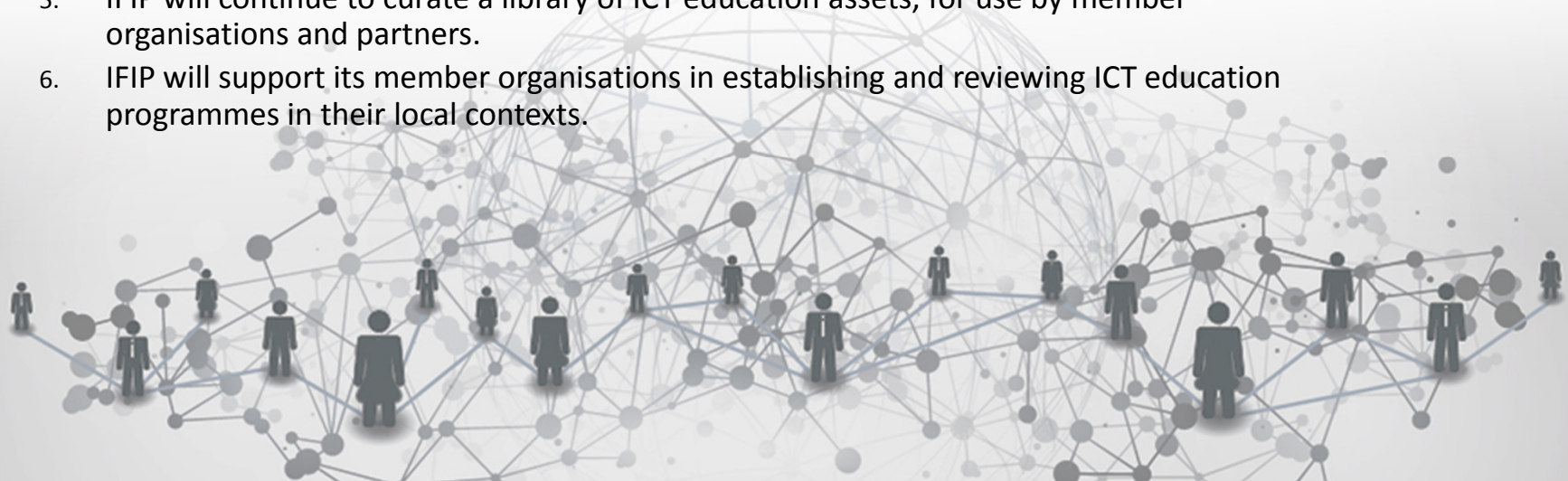
1. IFIP will increase public understanding and appreciation of ICT and the value it brings.
2. IFIP will engage with the media and with the public on ICT topics of general and societal interest.
3. IFIP will share its expertise on, *inter alia*, artificial intelligence, big data, automation, confidentiality and privacy.
4. IFIP will encourage, support and assist TC/WG members to create white papers, articles and publications which explain ICT to a general audience.
5. IFIP will establish a network of recognized IFIP spokespersons on ICT topics of general and global interest.
6. IFIP will work with partner entities to encourage students to consider STEM and ICT careers.



# Activities: Education and Equity

## Objective 6: Education and Equity

1. IFIP will continue to contribute to ICT education and literacy, and to overcoming barriers to digital equity and participation, both in developing countries and in disadvantaged communities across the globe.
2. IFIP will contribute to efforts at local, national and international level to engage students in STEM study and career, particularly female students.
3. IFIP will work with global partners to design and review ICT education programmes, syllabi and systems.
4. IFIP will continue to contribute to conferences and other opportunities for sharing knowledge and best practice in ICT education and overcoming digital inequality.
5. IFIP will continue to curate a library of ICT education assets, for use by member organisations and partners.
6. IFIP will support its member organisations in establishing and reviewing ICT education programmes in their local contexts.



# Activities: Enthusing Members

## Objective 7: Enthusing member organisations

1. IFIP will communicate frequently with its member organisations.
2. IFIP will facilitate member organisations utilising IFIP resources, assets, contacts and relationships to benefit their own memberships.
3. IFIP will support member organisations in establishing and delivering local conferences and events.
4. IFIP will demonstrate its relevance and activity by encouraging Working Groups and Technical Committees to hold conferences and other events in a wide selection of member-organisation countries.
5. IFIP will collaborate with member organisations in attracting international conferences and other events to their countries.
6. IFIP will prepare media-ready assets about IFIP activities, and encourage their use by member organisations to raise their own profiles and attract greater membership.



# Activities: the Next Generation

## **Objective 8: Encouraging young people to enter ICT study and/or work**

- ❖ IFIP will continue to work with national and global partners to inform students and young people about the benefits of studying or working in ICT.
- ❖ IFIP will continue to contribute to conferences and other events dedicated to 'youth ICT'.
- ❖ IFIP will assist national member organisations in designing and rolling out programmes that encourage participation in STEM (science, technology, engineering and mathematics).
- ❖ IFIP will stimulate and support the creation of 'young IT professionals' groups, in collaboration with national member organisations and via the InterYIT initiative.



# Activities: Growing IFIP Membership

## Objective 9: Growing IFIP membership

1. IFIP will proactively promote membership.
2. IFIP will demonstrate the impact and benefit it delivers at the local level, and how global activities also benefit national organisations and their memberships.
3. IFIP will show how membership has opened opportunities for new programmes and new activities for its member organisations.
4. IFIP will share regular updates on the activities and benefits of existing members, to prospective members.
5. IFIP will facilitate the sharing of best practice, knowledge and experience between member organisations.



# Activities: Growing Volunteer Base and Personnel

## Objective 10: Growing Volunteer base

1. IFIP will actively seek to increase the number of active volunteers in WGs, TCs, executive board and other functions.
2. IFIP will invest in new salaried personnel, who will be dedicated to pursuing the strategic aims of IFIP in a professional manner.
3. IFIP will effectively manage the activities of volunteers and professional personnel.

