

THE
FUT
URE
IS
NOW



ISLAMIC FINANCE

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





EMERGING ISSUES

ISLAMIC FINANCE

Means by which individuals and corporations, including banks and other lending institutions, raise capital & invest in accordance with Islamic law.

The value of global Islamic Finance is projected to grow to \$3.5 Trillion by 2021 from \$1.9 Trillion currently.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUTURE
IS
NOW



IMPACT INVESTMENTS

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





TRENDS

IMPACT INVESTMENTS

Impact investments are made with the intention to generate social and environmental impact, alongside a financial return (examples include payment-by-results contracts, outcome-focused grants, social impact bonds).

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



INCREASED COMPETITION

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

INCREASED COMPETITION

Access to scarce funds is becoming increasingly competitive at the time when there are a growing number of actors in the development and humanitarian aid space. Emerging middle income countries are taking a more active role in humanitarian responses.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



CHANGING AID FLOWS

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





TRENDS

CHANGING AID FLOWS

Governments in traditional donor countries face growing pressures against aid spending. The gap between available funding is outpacing needs by US \$15 billion and growing. At the same time, alternative financing instruments such as remittances and Islamic Finance is overtaking traditional aid funding.

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



CITIES

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





EMERGING ISSUES

CITIES

Today more than half the world's population lives in cities and 85 percent of the global GDP is generated in cities, with the biggest 250 cities accounting for 57 percent of global GDP. A further 1.5 million people a week are joining cities across the world through a combination of migration and childbirth, with over 90 percent of future growth in urbanisation in African and Asian countries.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUTURE
IS
NOW



GEOPOLITICAL POWER SHIFTS

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

GEOPOLITICAL POWER SHIFTS

The influence of Western liberal democracies is declining as the power of high-income countries such as China and Saudi Arabia rises thanks to their rapid economic growth. At the same time, geopolitical focus is moving from the North Atlantic alliance to the Pacific region.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



DISTRUST IN INSTITUTIONS

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

DISTRUST IN INSTITUTIONS

The general population's trust in key institutions – business, government, NGOs, and media – has declined broadly. The fall of trust has been fuelled by a lack of belief that the overall system is working for citizens.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



MOBILITY

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





EMERGING ISSUES

MOBILITY

Growing number of migrants and displaced people will continue to create more fluid, mobile and diverse communities with distinct, and sometime divergent, worldviews. People are increasingly moving between countries as well as within, staying connected with their familial and source communities via digital networks.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



DEMOGRAPHIC CHANGES

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

DEMOGRAPHIC CHANGES

While some societies have large youth populations others are facing a crisis as citizens age. Changes in societal demographics can lead to shifting values and even impact political dynamics in some contexts.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



POLARISATION

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

POLARISATION

Societal demographic changes are challenging traditional or conservative worldviews. Issues related to national identity, cultural values and ethnic origins have been prominent in the rise of anti-establishment populism.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUTURE
IS
NOW

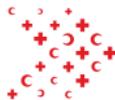


INEQUALITY

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

INEQUALITY

Whether one looks at disparate annual income, wealth or vulnerability issues, inequality is rising in most parts of the world. While incomes in developing countries have been catching up with developed countries, internal inequality in many countries has increased dramatically.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



CYBERWAR- FARE

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





EMERGING ISSUES

CYBERWARFARE

Actions by a nation-state, non-state actors or international organisations to attack and damage computers and information networks of another nation, through for example computer viruses or denial of service attacks.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



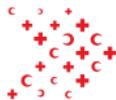
FOURTH INDUSTRIAL REVOLUTION

For more information go to
ifrc.org/innovation

An initiative of

 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

FOURTH INDUSTRIAL REVOLUTION

Technological advancements and demographic shifts are impacting jobs, industries and organisations across the world. Developments such as artificial intelligence, robotics, and quantum computing promise to radically changes the need for human labor.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



AI AND MACHINE LEARNING

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





TRENDS

AI AND MACHINE LEARNING

Many experts believe that the advancement of artificial intelligence will continue to grow in the coming years, and some have warned that it must be stopped--to prevent conflict--while others believe it can be used to make decisions and spot insights beyond human capacity.

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



INNOVATION IN USER/SERVICES ENGAGEMENT

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

INNOVATION IN USER/ SERVICES ENGAGEMENT

Governments, corporations, not-for-profits and startups alike are testing different approaches to programs and policy making, governance, ways of working, engaging and understanding their end users/supporters/citizens.

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



SOCIAL CREDIT SYSTEM

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





EMERGING ISSUES

SOCIAL CREDIT SYSTEM

A credit rating system that evaluates citizen behavior online, quantifying it into a type of trustworthy-ness currency. Collected data could be used to penalize or incentivize citizen behaviour. Currently being investigated in China

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



SELF ORGANISING COMMUNITIES

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





TRENDS

SELF ORGANISING COMMUNITIES

Like-minded groups and individuals can connect online, share ideas, form relationships and self-organise around shared interests, concerns and values, outside of institutional bureaucracies or geographical boundaries and without the need for an intermediary.

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



NEW FORMS OF VOLUNTEERING AND ACTIVISM

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

NEW FORMS OF VOLUNTEERING AND ACTIVISM

Citizens are increasingly living very connected lives, enabled by unprecedented digital connectivity, whereas governments and large institutions function in a linear manner. The fast advent of technology has afforded new forms of volunteer and activist participation to a wider section of society - including crisis-affected communities and global networks.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



ACCESS TO INFORMATION

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

ACCESS TO INFORMATION

More people have access to the Internet than ever before. As billions more come online in the years ahead, new platforms and ways of sharing information will emerge. Debates over privacy and data protection are highlighting important ethical challenges and queries for both users and generators of data.

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



GIG ECONOMY

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





EMERGING ISSUES

GIG ECONOMY

In the gig economy, temporary, flexible jobs are commonplace and companies tend toward hiring independent contractors and freelancers instead of full-time employees.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



AUTOMATION

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

AUTOMATION

Automation is the process of using technology to replace human workers. This trend is currently impacting a range of sectors: manufacturing, transport, finance, insurance, and legal sectors. Advancements in robotics as well as ‘smart’ programs will not only shape what jobs are available but also areas for future education and skills training.

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW

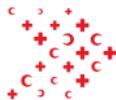


NEW SKILLSETS

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





TRENDS

NEW SKILLSETS

Opportunities in the future of work will include lower barriers to entrepreneurship, more flexibility in how and where people work, access to wider markets and increased specialisation.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



TYPES OF WORK

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

TYPES OF WORK

65% of primary age school children will work in jobs that don't yet exist. An increasing interest in entrepreneurial and creative/innovative roles particularly amongst youth in Asia and Africa is challenging the traditional notion of work.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW

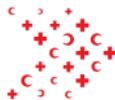


GEO- ENGINEERING

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





EMERGING ISSUES

GEOENGINEERING

The intentional large-scale manipulation of the global climate system in order to mitigate the worst impacts of climate change.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW

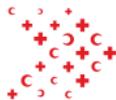


CLIMATE CHANGE

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





TRENDS

CLIMATE CHANGE

Climate change is resulting in more frequent, severe and intense natural disasters related to extreme weather events - droughts, floods, landslides, heat waves, and storms.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



COMMODIFICATION

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

COMMODIFICATION

Global warming is expected to have a major impact on agricultural yields and may lead to dramatic decreases in global food production. In addition, the commodification of natural resources is locking out entire communities access to food sources.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



POLLUTION AND WASTE

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

POLLUTION AND WASTE

The vast amount of waste being produced is predicted to be a major environmental concern over the next decade. From plant-based plastics to renewable energy sources, some see an opportunity to change both how and what we consume.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



CYBER VIOLENCE

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





EMERGING ISSUES

CYBER VIOLENCE

Cyber violence is an extension of gender based violence, and includes acts like trolling, hacking, spamming and harassment. 73% of women are estimated to have experienced cyber violence, with women 27 times more likely to experience this than men. Girls are estimated to have experienced some kind of cyber violence by the time they are 15.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



LAST MILE POVERTY

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**





TRENDS

LAST MILE POVERTY

Final challenges that need to be overcome in order to fully eradicate poverty. These include securing peace, creating jobs, strengthening resilience.

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUTURE
IS
NOW



RADICALISATION & TERRORISM

For more information go to
ifrc.org/innovation

An initiative of



International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

RADICALISATION & TERRORISM

Radicalisation and global terrorism increasing with the number of attacks increasing by 25% every year.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



HEALTH INNOVATIONS



For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





EMERGING ISSUES

HEALTH INNOVATIONS

Over the past several decades, due to significant stress on health systems, rising health costs, increasing chronic diseases and shortages of resources, healthcare has experienced an explosion of innovations designed to improve life expectancy and quality of life. 'Big Data' is an example of health innovations that are reducing costs for healthcare.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



PANDEMICS / EPIDEMICS

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

PANDEMICS / EPIDEMICS

Global rise in human infectious disease outbreaks is increasing significantly with more frequent emergence of epidemics and pandemics.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE
FUT
URE
IS
NOW



HEALTH SYSTEMS

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy





TRENDS

HEALTH SYSTEMS

Increasing health outbreaks, rapid urbanization, rising costs, uneven distribution of healthcare providers is increasing the pressure on healthcare systems globally pushing the need for healthcare reform.

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE FUT URE IS NOW

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

solferino
academy



THE FUTURE IS NOW!

If you would like to find out more about our work in Innovation and Futures, and for regular updates, go to:

WWW.IFRC.ORG/INNOVATION

Email:

INNOVATION.TEAM@IFRC.ORG

Twitter:

#THEFUTUREISNOW

For more information go to
ifrc.org/innovation

An initiative of
 International Federation
of Red Cross and Red Crescent Societies

**solferino
academy**

