

***.... The Future of
High Technology....***



However good our futures research may be, we shall never be able to escape from the ultimate dilemma that all our knowledge is about the past, and all our decision are about the future

“Looking at the future should disturb the present”
Gaston Berger

“The best way to predict the future is to invent it”
Alan Curtis Kay

*“Yesterday is history,
tomorrow a mystery,
but today is a gift...”*



Master Oogway

what does the future hold?

what **future** lies beyond?

Future Prediction

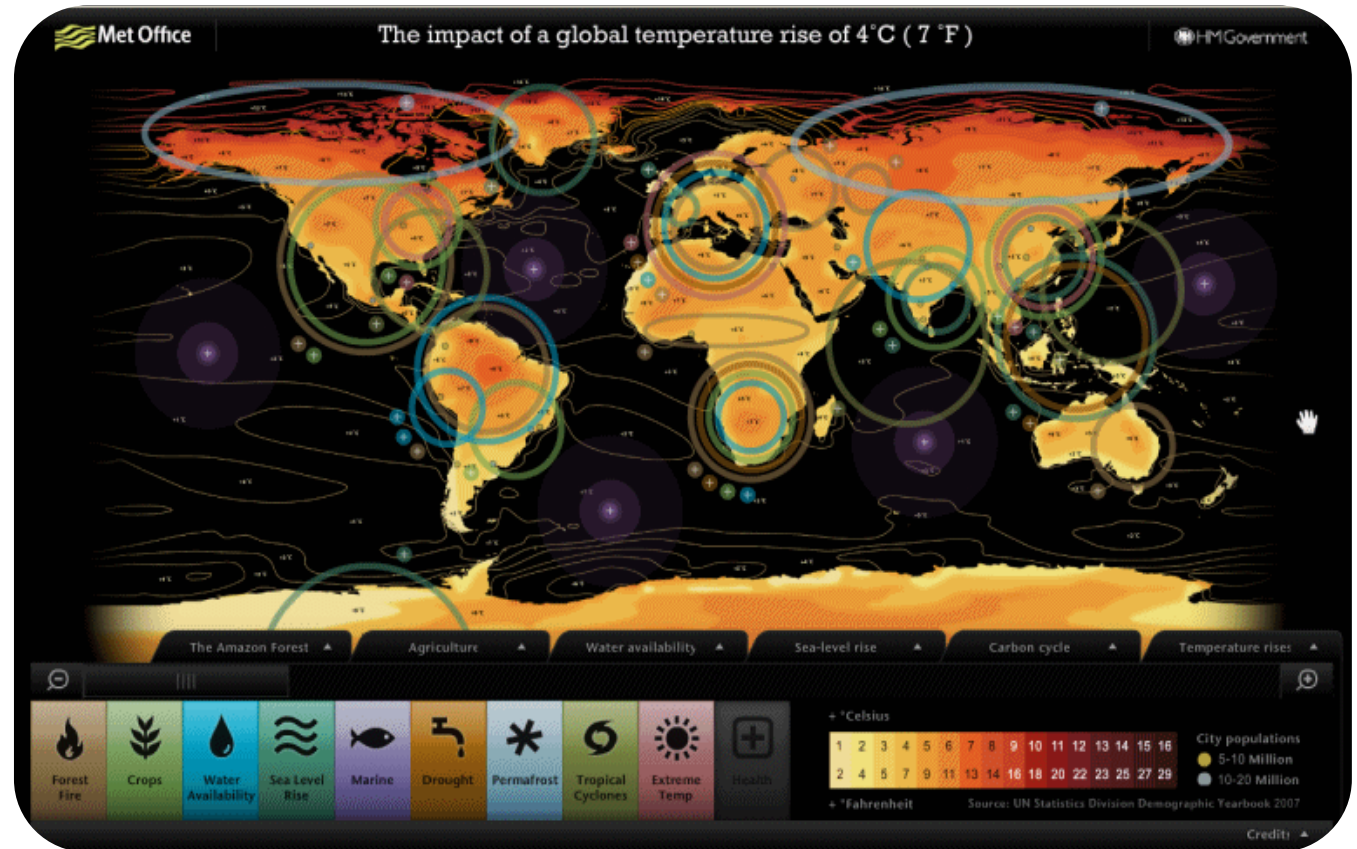
From an art.....



Source: Alex Soojung-Kim Pang

Future Prediction

.... To science



Source: Alex Soojung-Kim Pang

Future is not necessarily continuation of the past

What happens when humans predict their future?



London 1867



In 1867, a British scientist predicted that London's population would grow very fast over the next 100 years...



... because of the population growth, he argued, also many more horse carriages would be needed...



...and knowing about the horses' public bathroom habits, he concluded:



By 1967, London would be buried six feet deep in horse dung!

2007 World Economic Forum/Roland Berger Strategy Consultants

Technology Prediction that Fails miserably



“There is no reason anyone would want a computer in their home.”

Ken Olson, 1977

President, chairman and founder of Digital Equipment Corp. (DEC)

“Heavier-than-air flying machines are impossible.”

Lord Kelvin, 1895

British mathematician and physicist, President of the British Royal Society.



“The Americans have need of the telephone, but we do not. We have plenty of messenger boys.”

Sir William Preece, 1878

Chief Engineer, British Post Office,



evidence based prediction

understanding future needs



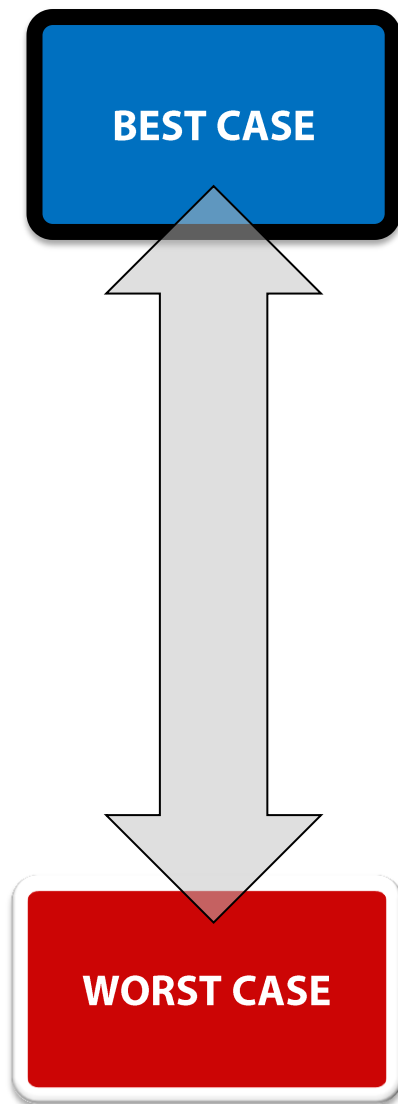
Cellphone entrepreneurship, Africa

Source: Alex Soojung-Kim Pang



anticipating future changes

Building Future Scenarios



**realization of
best case scenarios**

**avoid the
worst case scenarios**

Fiction... An alternative scenarios?



Isaac Asimov on Robots & Robotics

First working robots developed in 1956 by scientist who are Asimov's I Robot fans



Ray Bradbury on Global Warming

The Martian Chronicles make reference to global warming & ozone layer depletion 50 years ago

Gene Roddenberry on Telecommunication Device

Developed the idea of a flip telecommunication device used in Star Trek TV series in 1964



Future Living & Cities of The Future



Integrating Technologies to Future Living



ENTERTAINMENT

MOBILITY

BUSINESS

CITIZEN

COMMUNICATION

NEW ENERGY

GOVERNANCE

CITY PLANNING

GREEN BUILDING

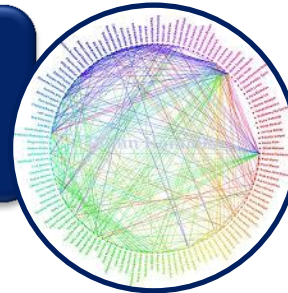
SPORTS

Future of High Technology

**Green & Environment
Friendly**



Mobility



Modularity



Security & Sustainability



Fiction... and Visions of The Future?



Flying Cars



Teleporting



Space Cities



Bionic

Fiction... and Visions of The Future?

**Advance Armoured
Weapons Suit**

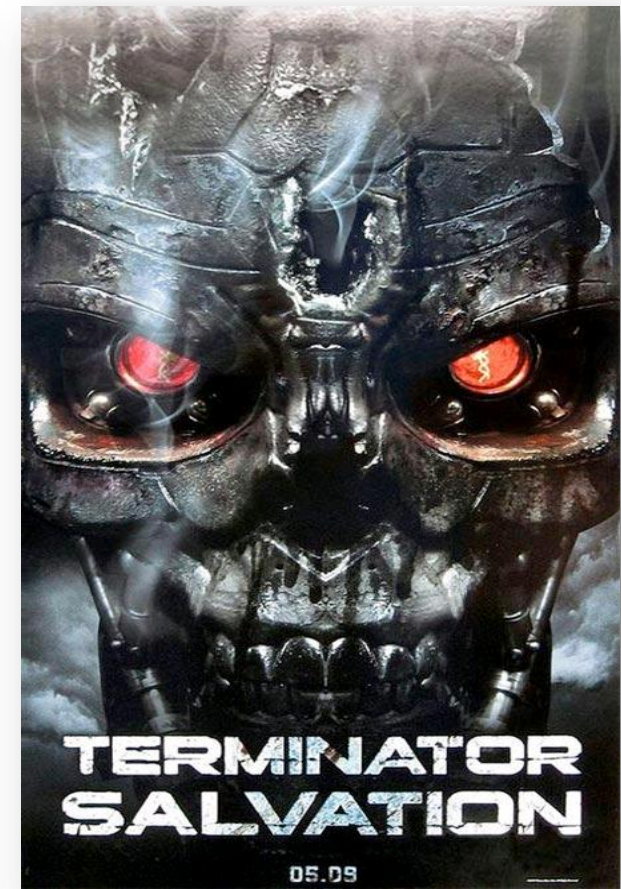
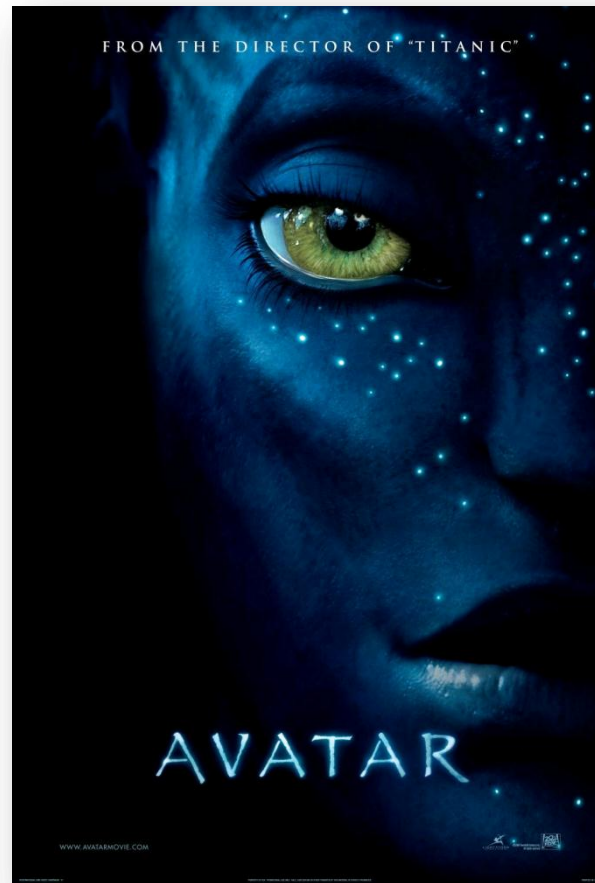
as seen in

**Mass Space Travel &
Colonization**

as seen in

**Advance Cybernetics &
Robotics**

as seen in



MIGHT
Thank You

