

# Korea's Creative Economy and Women's Role in the ICT Industry

2016 APEC Women's Business and Smart Technology Seminar

New Value Creation of APEC Women's Business through Smart Technology and Leadership

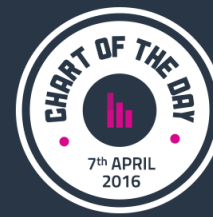
**Kang Eunhee**

Minister of Gender Equality and Family, ROK

June 28, 2016



# Mobiles to become dominant device by 2019



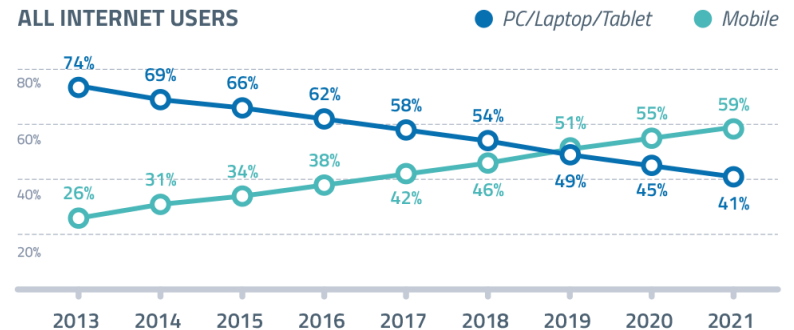
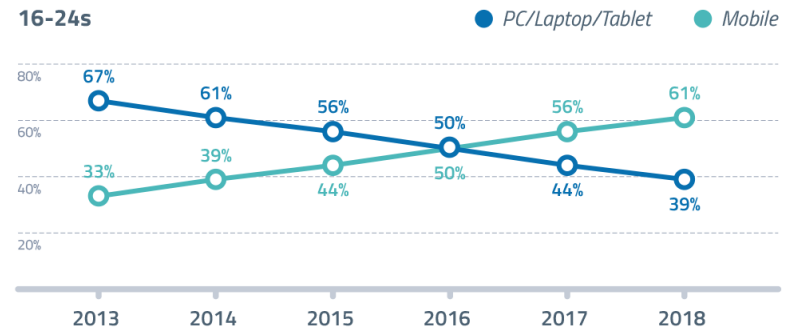
Mobiles capture 50% of time for 16-24s

GlobalWebIndex – Know Your Audience™



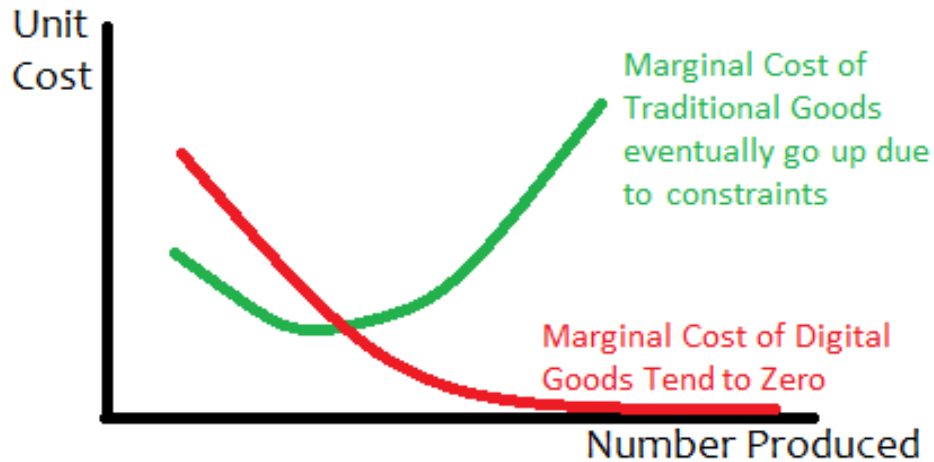
## THE MOBILE TIPPING POINT

*% of daily online time devoted to mobiles vs other devices*



globalwebindex.net /// Question: Roughly how many hours do you spend on the following on a typical day? /// Source: GlobalWebIndex Forecasts based on 2012-2015 data /// Base: Internet Users Aged 16-64

# Zero Marginal Cost



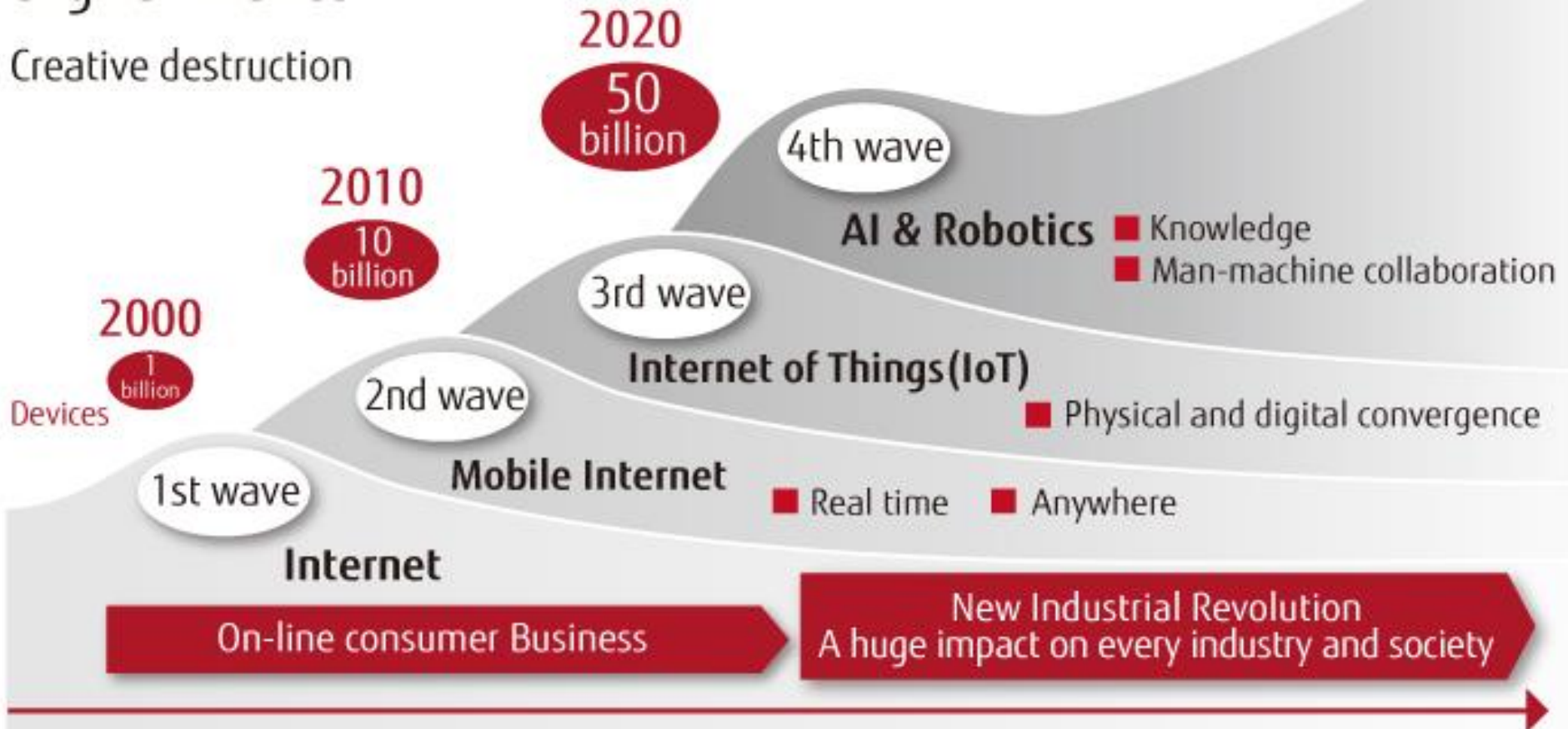
*The Zero Marginal Cost Society:  
The Internet of Things, the Collaborative Commons,  
and the Eclipse of Capitalism*

*By Jeremy Rifkin*

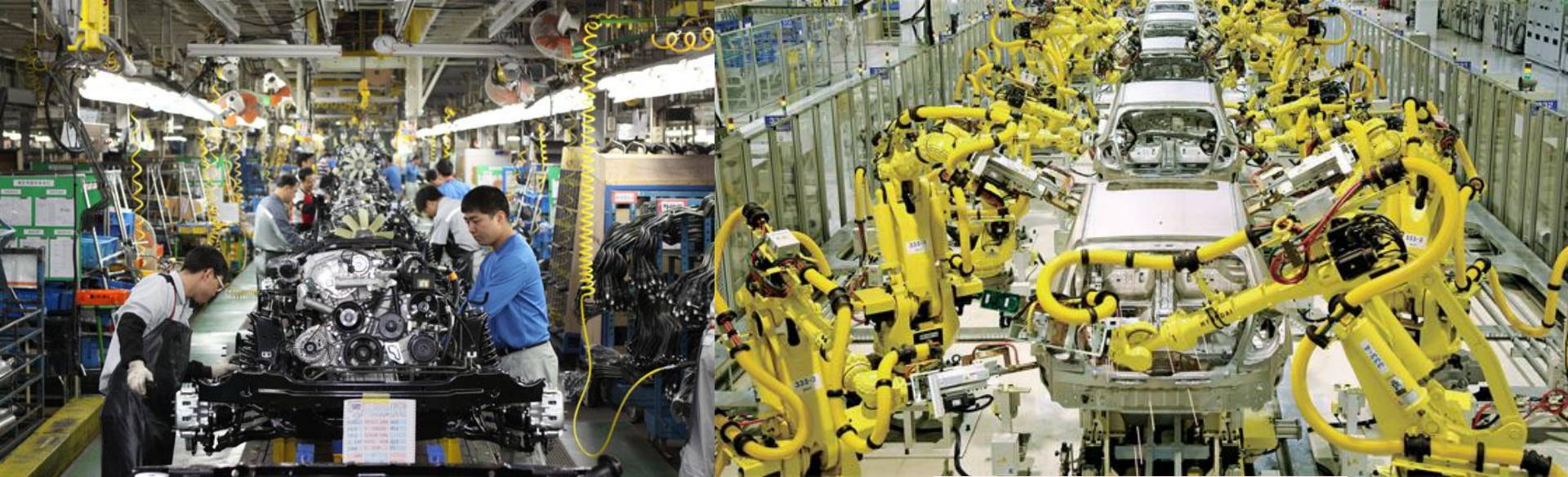
# The Fourth Wave of Digital Technology

## Digital Waves

Creative destruction

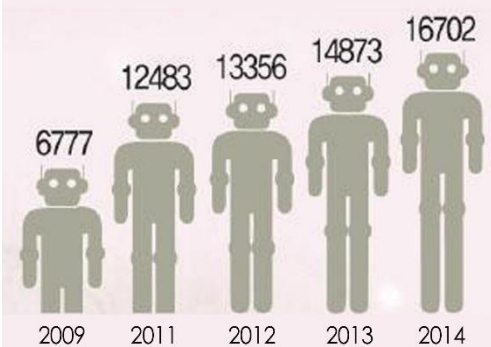


# Robots will replace 22% of human workforce in 10 years



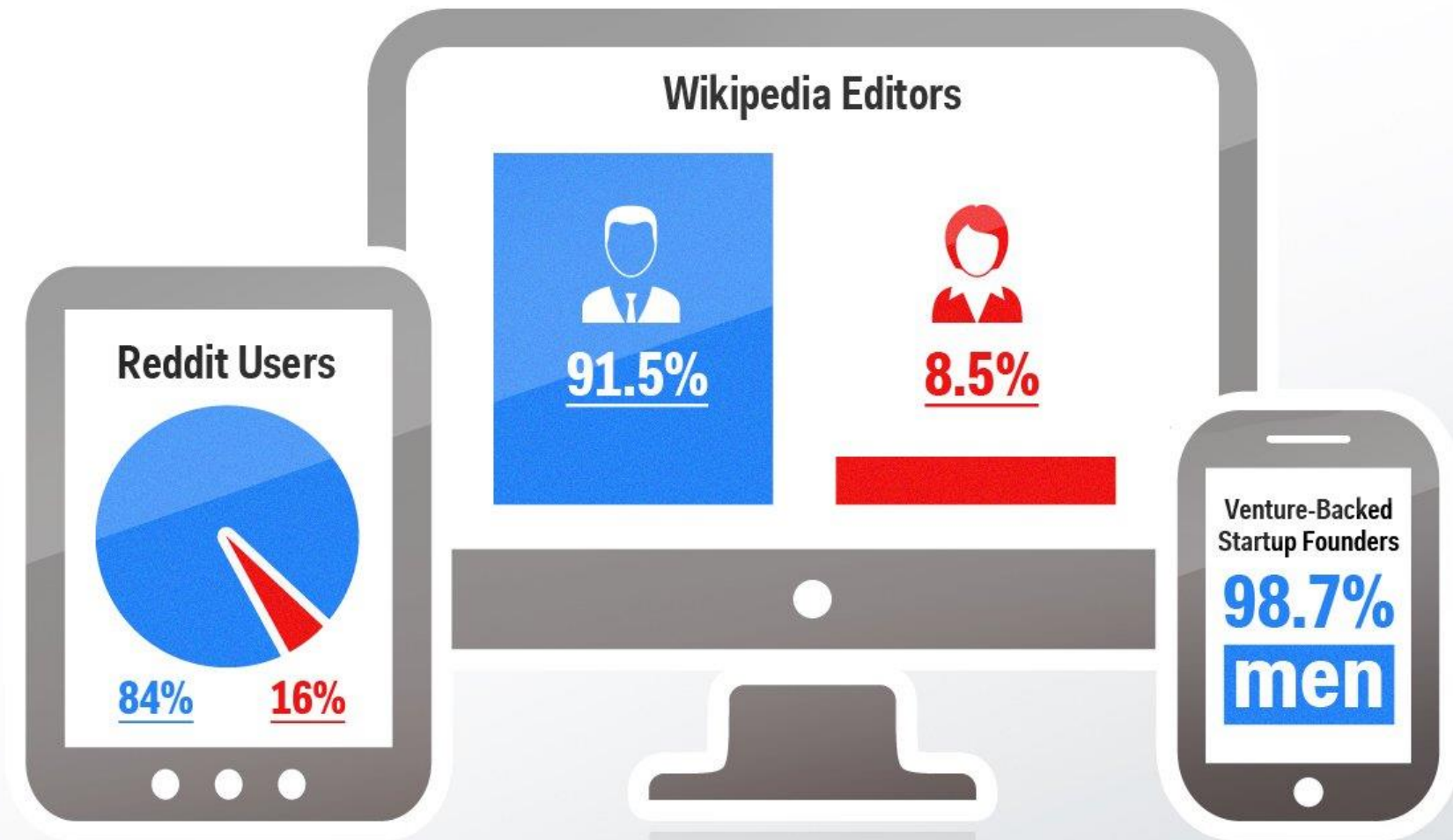
## Global Robotics Market

(unit-USD Million)



Source: International Federation of Robotics

# Men Dominate The Tech World



Source: DigitalFlashNYC

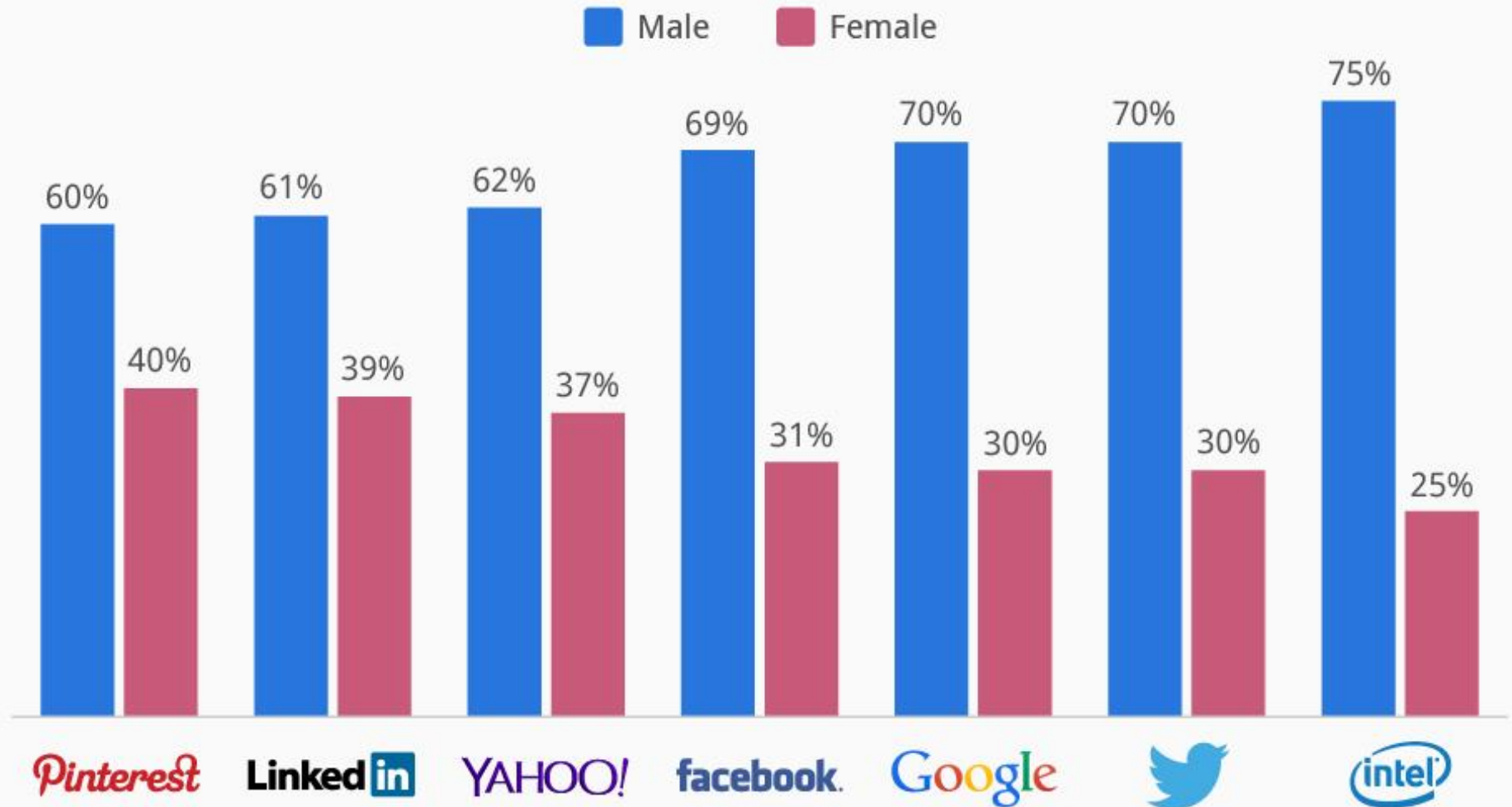
Source: Wikipedia

Source: Dow Jones

**BUSINESS INSIDER**

# Tech World Remains Male-Dominated

Gender breakdown of selected tech companies' global workforce

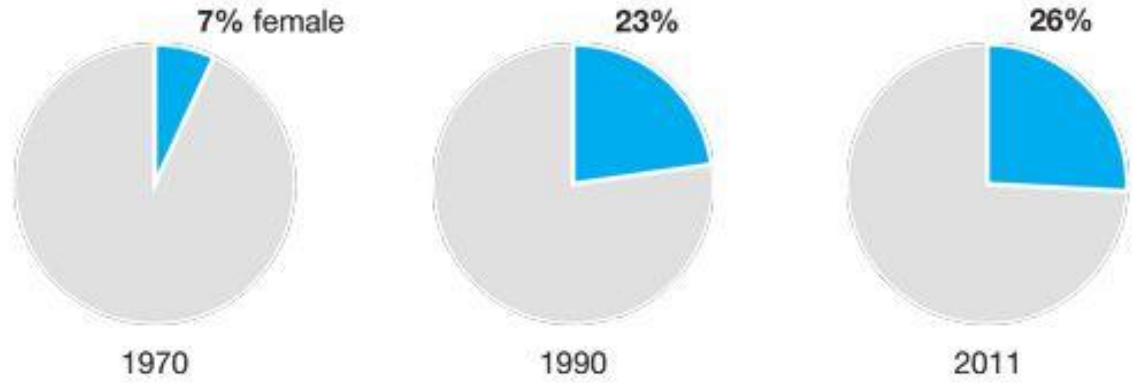


@StatistaCharts Sources: Company diversity reports

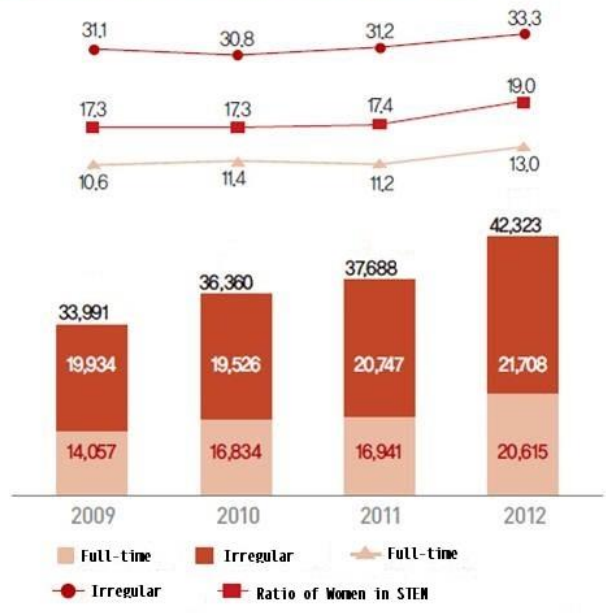
statista

# Women in STEM Occupations in Korea

Share of total STEM workers

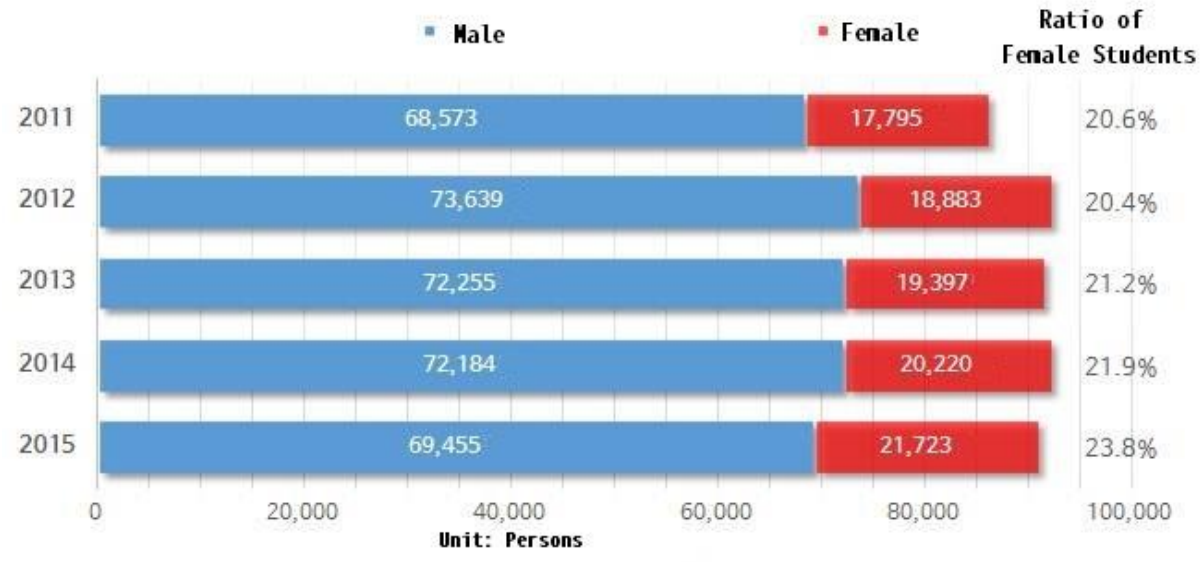


Total Number of Women in STEM (2009-2012)



Source: Ministry of Science, ICT, Future Planning

Students Entering STEM Fields



Source: Education Statistical Service (2011 ~ 2015)

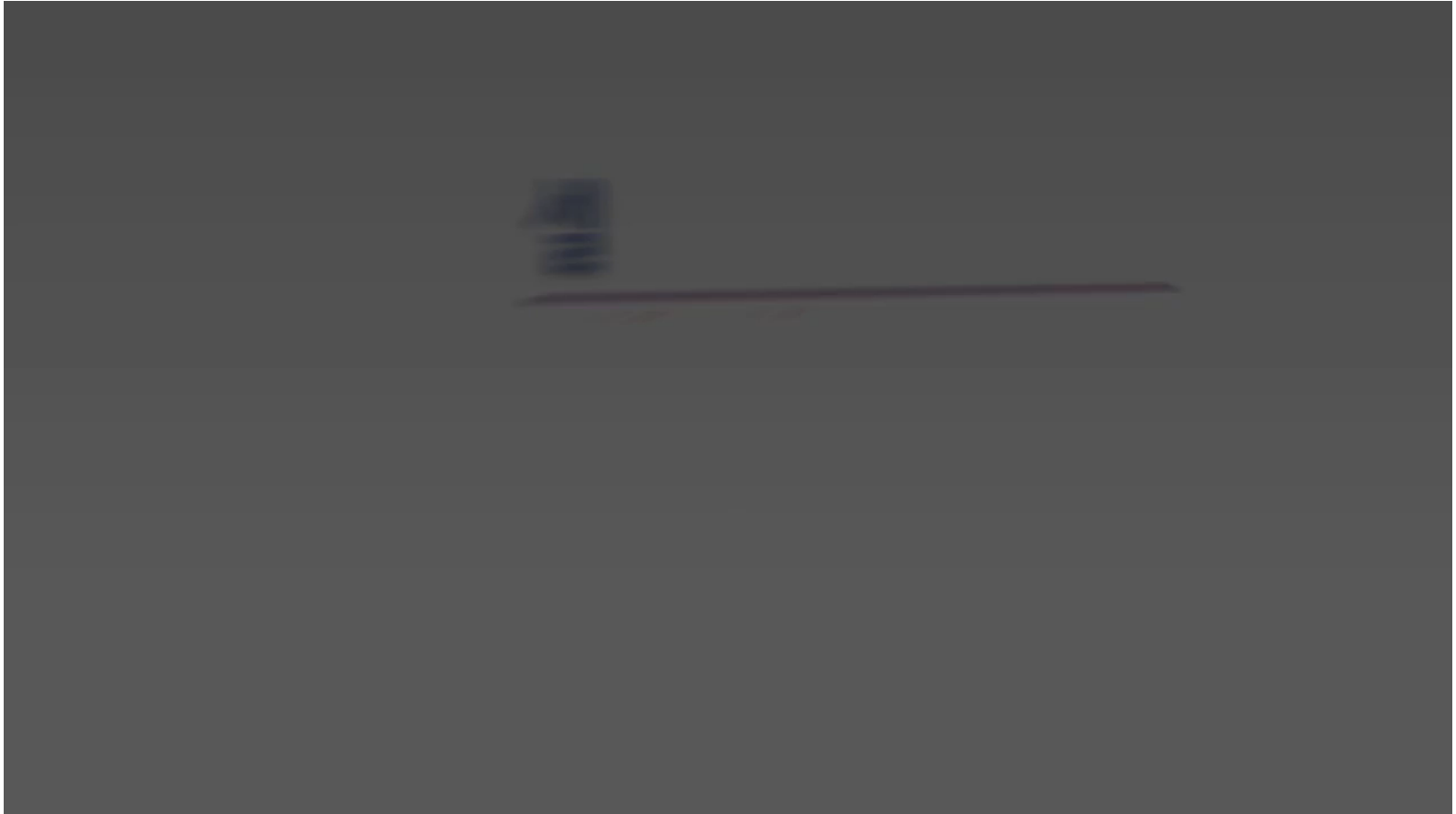


# Creative Economy: ‘Paradigm for Innovation’



Participants at the APEC CEO Summit in Bali, Indonesia, listen to Korean President Park’s keynote address on the importance of the creative economy in October, 2013.

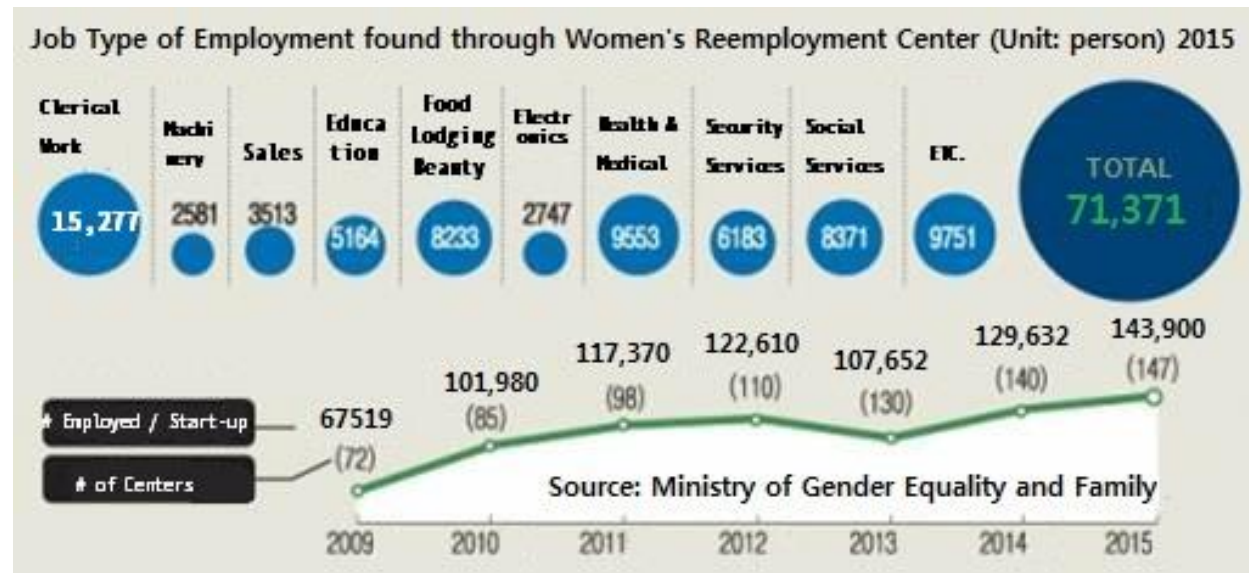
# Center for Creative Economy and Innovation



# Women's Re-employment Center

## Specialized ICT Training Programs for Women

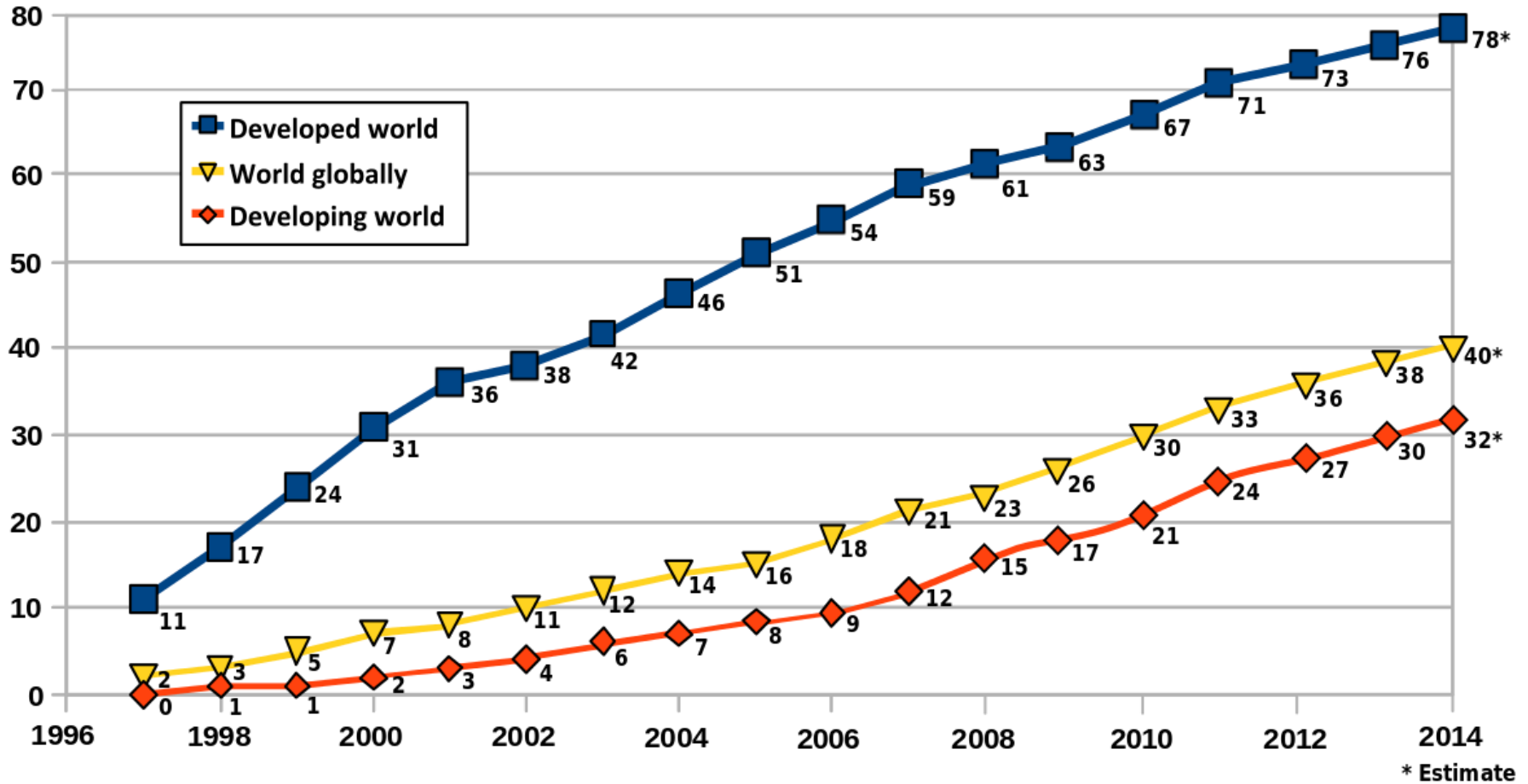
- ICT Fusion Electric Technology
- Digital Craftwork
- 3D Printing
- Web visuals design
  
- 3D CAD
- Java Program
- Big Data Management





# Digital Divide

## Internet users per 100 inhabitants



Source: [International Telecommunications Union](#). [59][60]

# Teach Them to Yearn for the Vast and Endless Sea



Building a Boat



A. de Saint-Exupéry

The background features an abstract geometric pattern composed of numerous triangles of various sizes and orientations. The colors used include shades of blue, yellow, red, grey, and black. Some triangles have a fine, repeating pattern, while others are solid. The overall effect is a dynamic, multi-colored mosaic.

# Thank You