



# ENGINEERING THE FUTURE



ENAbLE



# SI MALTA EDUCATIONAL INITIATIVES:

## Competition #01

- **Theme:** Engineering the Future
  - **Objective:** Educational
  - **Age group:** 7 to 12 years old
- 
- **Task:** *Imagine that you are the leader of any country of your choice. Draw an image to portray a better world for Today's children .....Tomorrow's adults*

# SI MALTA EDUCATIONAL INITIATIVES:

## Competition #02

- **Theme:** Engineering the Future
- **Objective:** Educational
- **Age group:** 13 to 17 years old
- **Task:** *Soroptimist International is an NGO that works all around the world in order to help fellow citizens have a better today and tomorrow. Through a unique video clip of not less than 1 minute and not more than 3 minutes, you are to show your perspective of what would help make a better future for youths.*



# **NOVAWOMEN**

**Women championing and building the  
emerging global innovation society**



# **The World Scenario**



**The Neolithic Age**

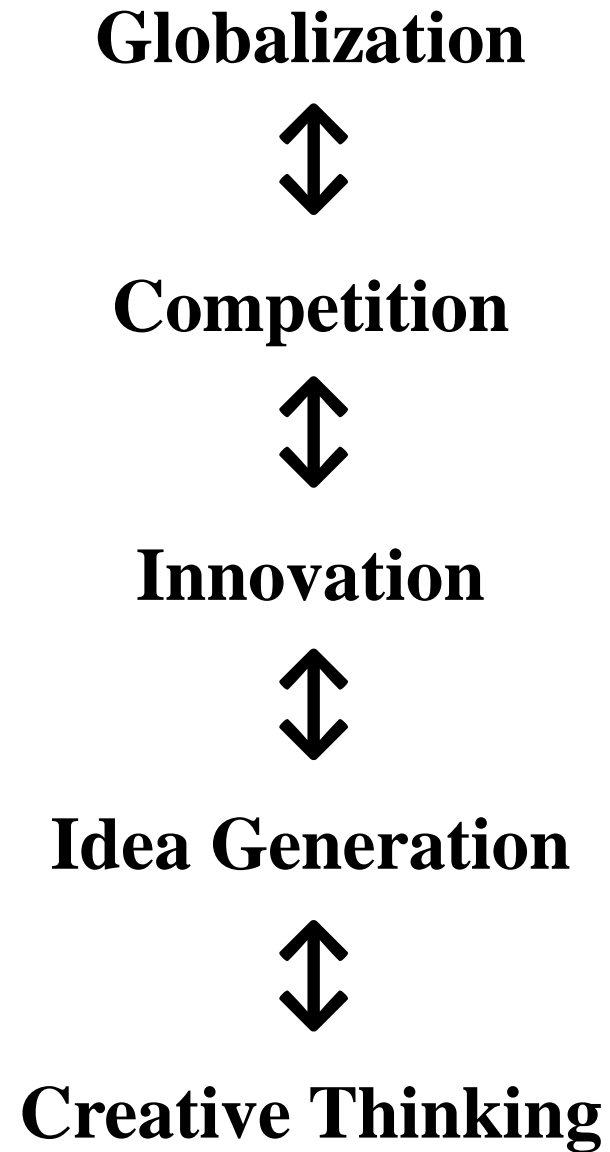
**The Agricultural Revolution**

**The Industrial Age**

**The Information Society**

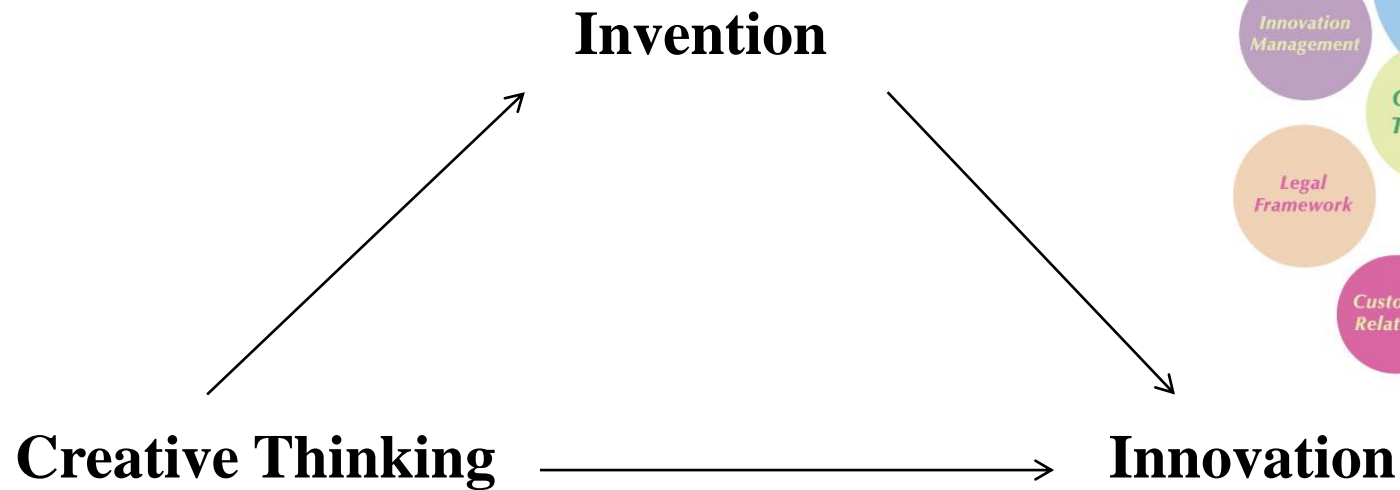
**The INNOVATION Society**







# Creative Thinking, Invention, Innovation







# **The Project Concept**

**Empower women in the following skills:**

- Building the Innovation Society.**
- Creative thinking, invention and innovation.**
- Generating and implementing ideas in Governance, Business and Social Enterprise.**







## **Partners: (MALTA)**

- Soroptimist International Malta**
- Innovation Generation Centre**
- Microsoft Innovation Centre**
- Creolabs Ltd.**





## What has been done to date:

- Taster sessions at the School of Invention for over 300 female students
- Pilot **Foundation of Innovation** for 16 teenagers in secondary education.
- Pilot training session with 27 teachers at a girl's primary school

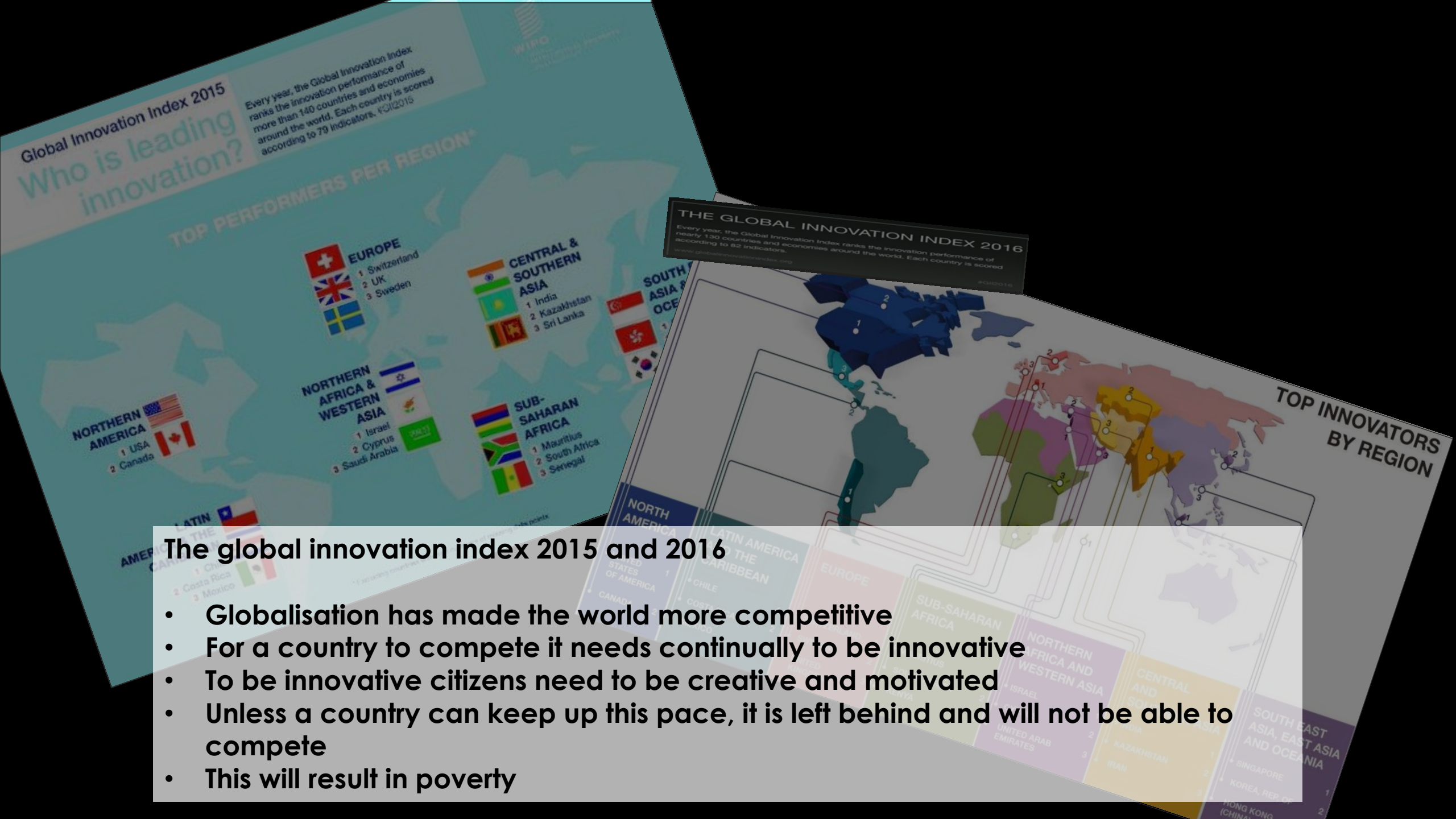


## **Develop training programmes in Creative Thinking, Invention and Innovation for:**

- Girls in secondary education and Vocational Educational Training**
- Teachers pack with presentations and assignments exercises**
- Train the trainers courses**
- Promote on local media**

In today's world:  
Why do we need to be **creative**?  
Why the need to be **innovative**?





## The global innovation index 2015 and 2016

- Globalisation has made the world more competitive
- For a country to compete it needs continually to be innovative
- To be innovative citizens need to be creative and motivated
- Unless a country can keep up this pace, it is left behind and will not be able to compete
- This will result in poverty

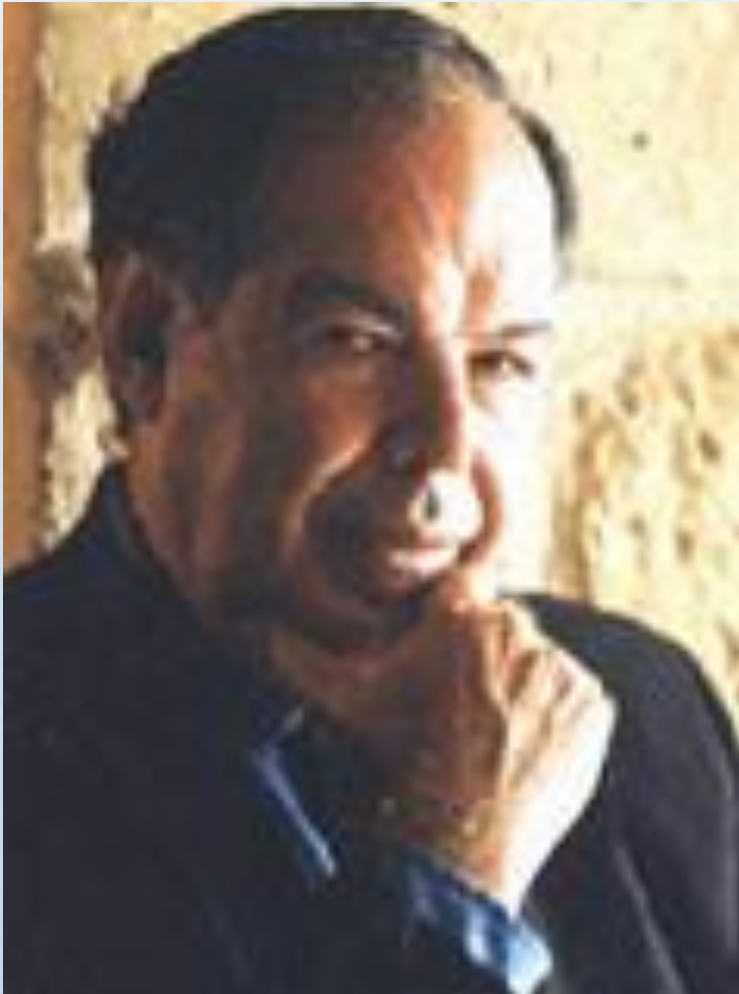
**IF YOU NEVER  
CHANGE YOUR  
MIND, WHY HAVE  
ONE?**

Dr Edward de Bono



# Dr Edward de Bono

*inventor of lateral thinking and strategic brain training*



## PROCESS



### Blue Hat - Process

Thinking about thinking.  
What thinking is needed?  
Organizing the thinking.  
Planning for action.

## CREATIVITY



### Green Hat - Creativity

Ideas, alternatives, possibilities.  
Solutions to black hat problems.

## FACTS



### White Hat - Facts

Information and data.  
Neutral and objective.  
What do I know?  
What do I need to find out?  
How will I get the information I need?

## BENEFITS



### Yellow Hat - Benefits

Positives, plus points.  
Why an idea is useful.  
Logical reasons are given.

## FEELINGS



### Red Hat - Feelings

Intuition, hunches, gut instinct.  
My feelings right now.  
Feelings can change.  
No reasons are given.

## CAUTIONS



### Black Hat - Cautions

Difficulties, weaknesses, dangers.  
Spotting the risks.  
Logical reasons are given.





# Our outlook on Creative Thinking...

Alexandra Bartolo

Chikka Cole





# Let us have a look back...

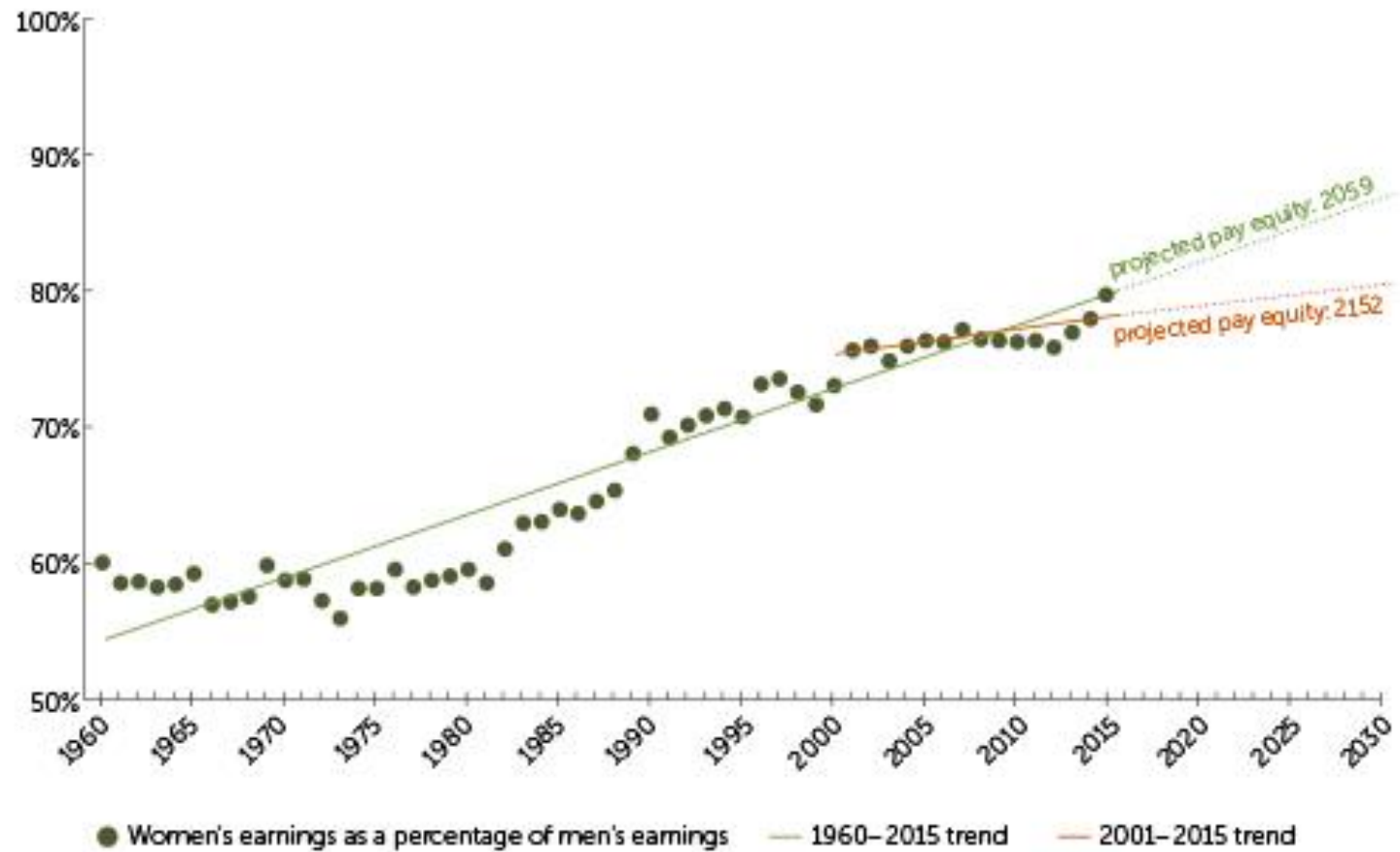


A woman who had a peak experience and persisted against all odds towards achieving her dreams!

When Women  
**SUPPORT** each  
other,  
**INCREDIBLE**  
things happen

# Women's pay VS Men's pay

Women's Median Annual Earnings as a Percentage of Men's Median Annual Earnings for Full-Time, Year-Round Workers, 1960–2015



There are **NO**  
**BORDERS,**  
**NOR LIMITS**  
to what we are  
capable of.



Creative thinking  
is one of the key  
ingredients to  
**SUCCESS.**



To be  
successful  
you  
need:

**Vision –  
Mission –  
Plan –  
Action**

We would like to thank  
SI Malta and IGC Malta  
for this opportunity. It has been an  
honour.



