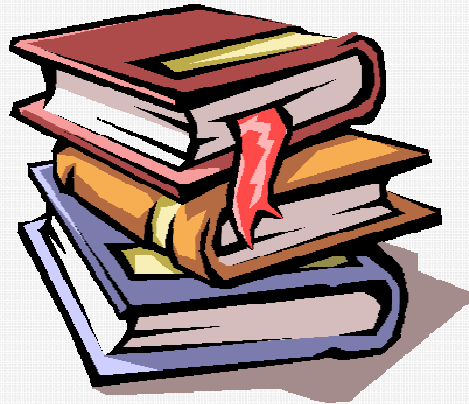


WHAT IS SURVEYING IN SPAIN?

WHAT ONE SHOULD DO TO BECOME A SURVEYOR IN SPAIN?



1. TECHNICAL SURVEYOR (INSTITUTE – 2 YEARS)
2. SURVEYOR ENGINEER (UNIVERSITY – 4 YEARS)

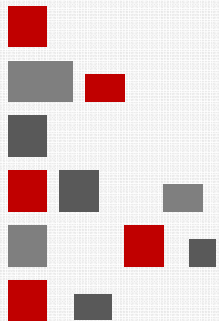


SPECIALIZATION

MASTER

PHD (CONTINUE IN THE UNIV.)

NOWADAYS SPANISH SURVEYORS HAVE A LOT OF  
KNOWLEDGE IN ALL THE SECTORS

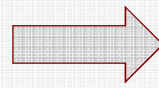


CRISIS MOMENT IN SPAIN



MAIN PROBLEM FOR SURVEYORS:

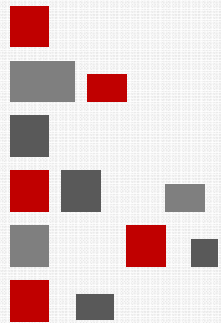
THE FOCUS IS ON  
CONSTRUCTION



CLASSICAL  
TECHNIQUES



TOTAL STATION  
GPS



ALTERNATIVE  
POSSIBILITIES



GIS  
CADASTRE  
NEW TECHNIQUES



TLS  
UAVs  
LIDAR  
REMOTE SENSORS

CURRENT JOB REQUIREMENTS

PUBLIC SECTOR



STATE TEST

PRIVATE SECTOR

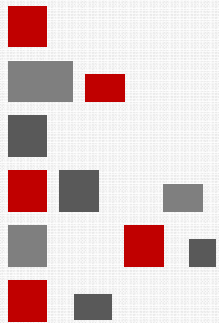


3-5 YEARS OF EXPERIENCE

SPANISH YOUNG SURVEYORS

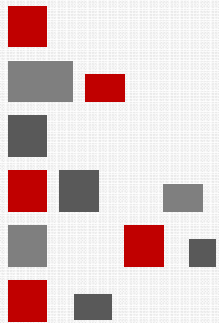
- GOOD QUALIFICATIONS
- WITHOUT EXPERIENCE

UNDER 30 YEARS OLD → 70% UNEMPLOYED



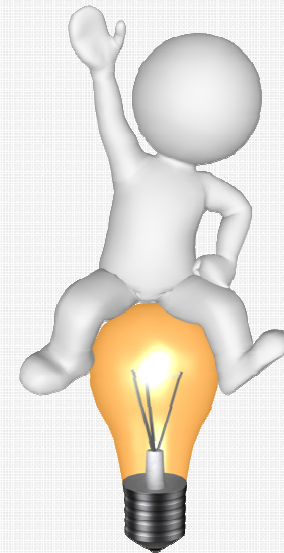
EXAMPLE

CLASS OF 2012-2013: 20 YOUNG SURVEYORS ENGINEERS



## CONCLUSIONS AND IDEAS

- COMPLICATED WORK SITUATION
- CRISIS MOMENT
  - GOOD OPPORTUNITY FOR INNOVATION AND DEVELOPMENT
  
- LEARN OTHER LANGUAGES: EMIGRATION
- CONTINUE STUDIES: SPECIALIZATION
- WAIT FOR THE IMPROVEMENT OF THE SITUATION  
(WORKING IN OTHER SECTORS)
- ESTABLISH NEW COMPANIES



ALL CHANGES ARE POSITIVE !!!

THANK YOU

