

**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

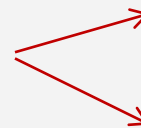
MAIN PROBLEM FOR SURVEYORS:



THE FOCUS IS ON  
CONSTRUCTION

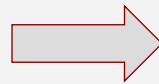


CLASSICAL  
TECHNIQUES



TOTAL STATION  
GPS

ALTERNATIVE  
POSSIBILITIES



GIS  
CADASTRE  
NEW TECHNIQUES

TLS  
UAVs  
LIDAR  
REMOTE SENSORS

## CURRENT JOB REQUIREMENTS

PUBLIC SECTOR



STATE TEST

PRIVATE SECTOR

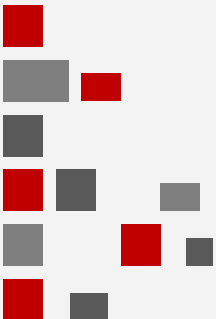


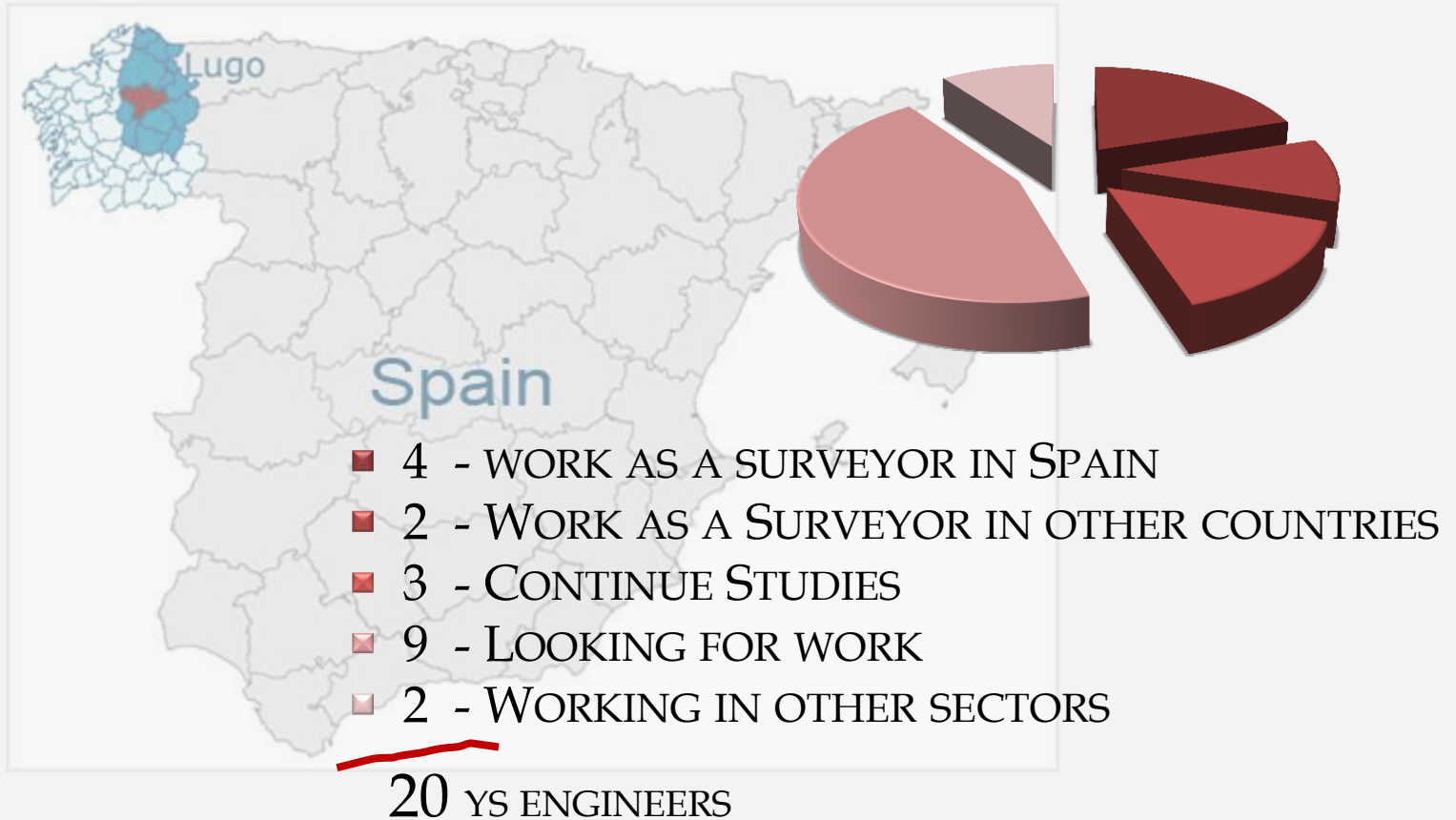
3-5 YEARS OF EXPERIENCE

## SPANISH YOUNG SURVEYORS

- GOOD QUALIFICATIONS
- WITHOUT EXPERIENCE

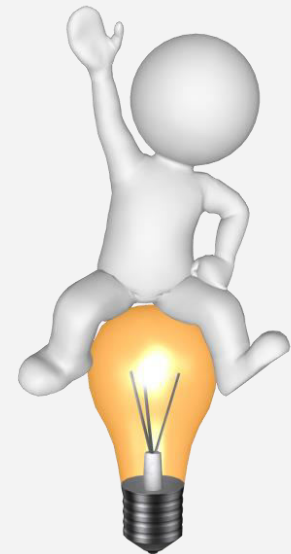
UNDER 30 YEARS OLD → 70% UNEMPLOYED



EXAMPLECLASS 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

