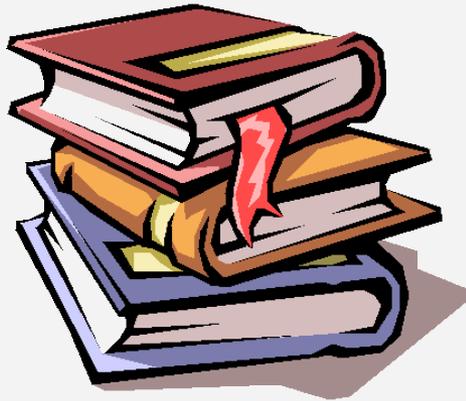


WHAT IS SURVEYING IN SPAIN?

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:



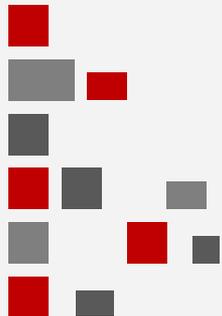
THE FOCUS IS ON
CONSTRUCTION



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

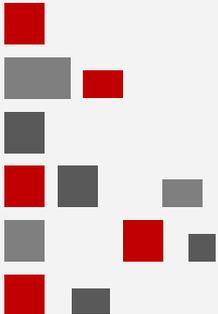
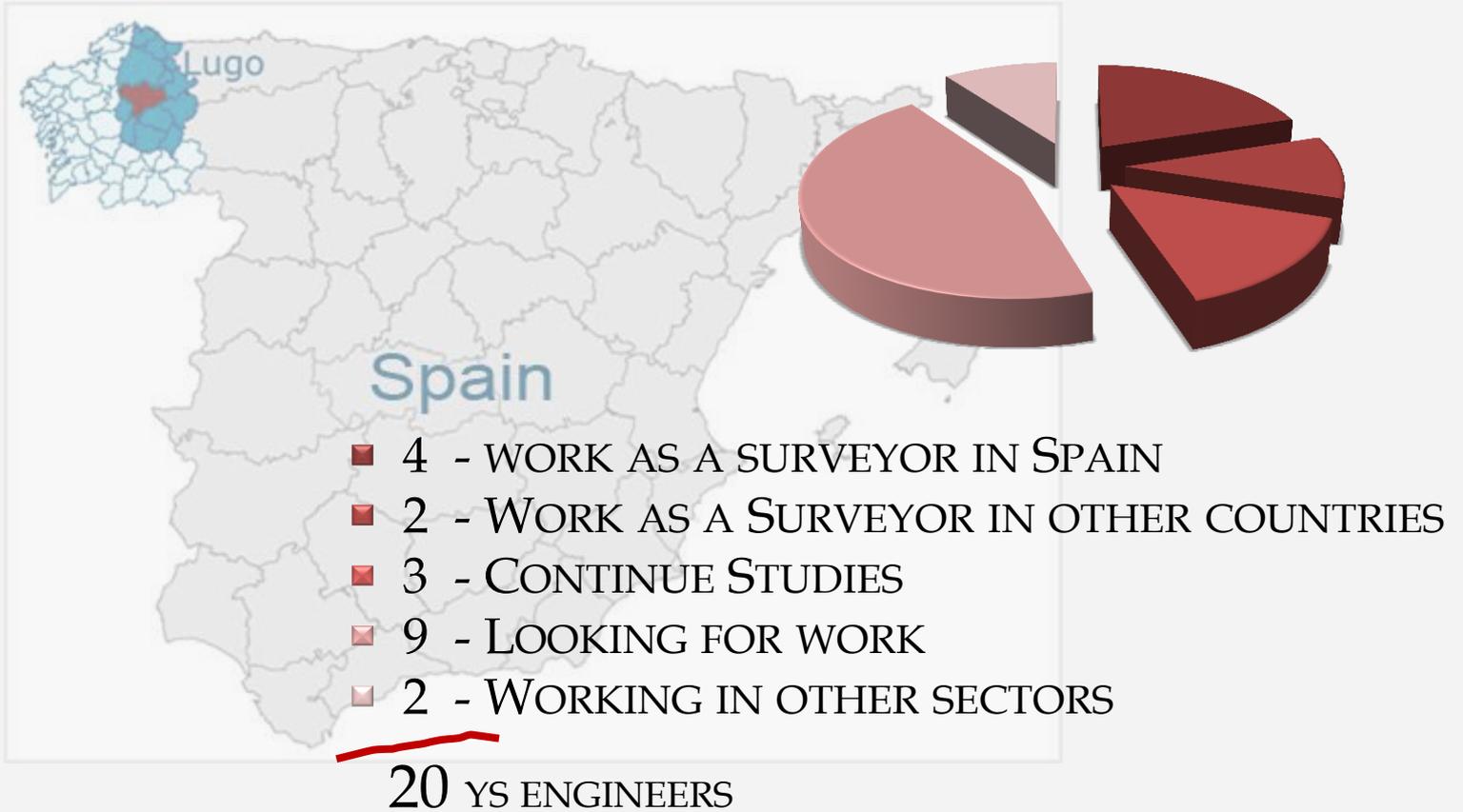
- GOOD QUALIFICATIONS
- WITHOUT EXPERIENCE

UNDER 30 YEARS OLD → 70% UNEMPLOYED



EXAMPLE

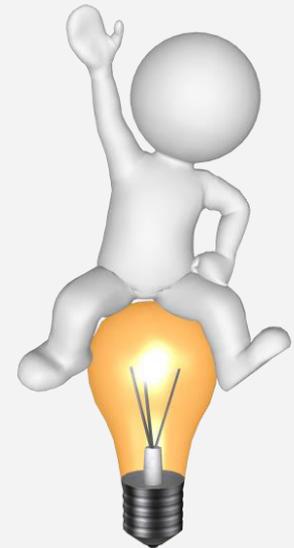
CLASS OF 2012-2013: 20 YOUNG SURVEYORS ENGINEERS



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

