



KLESARSKA
ŠKOLA



Education and culture



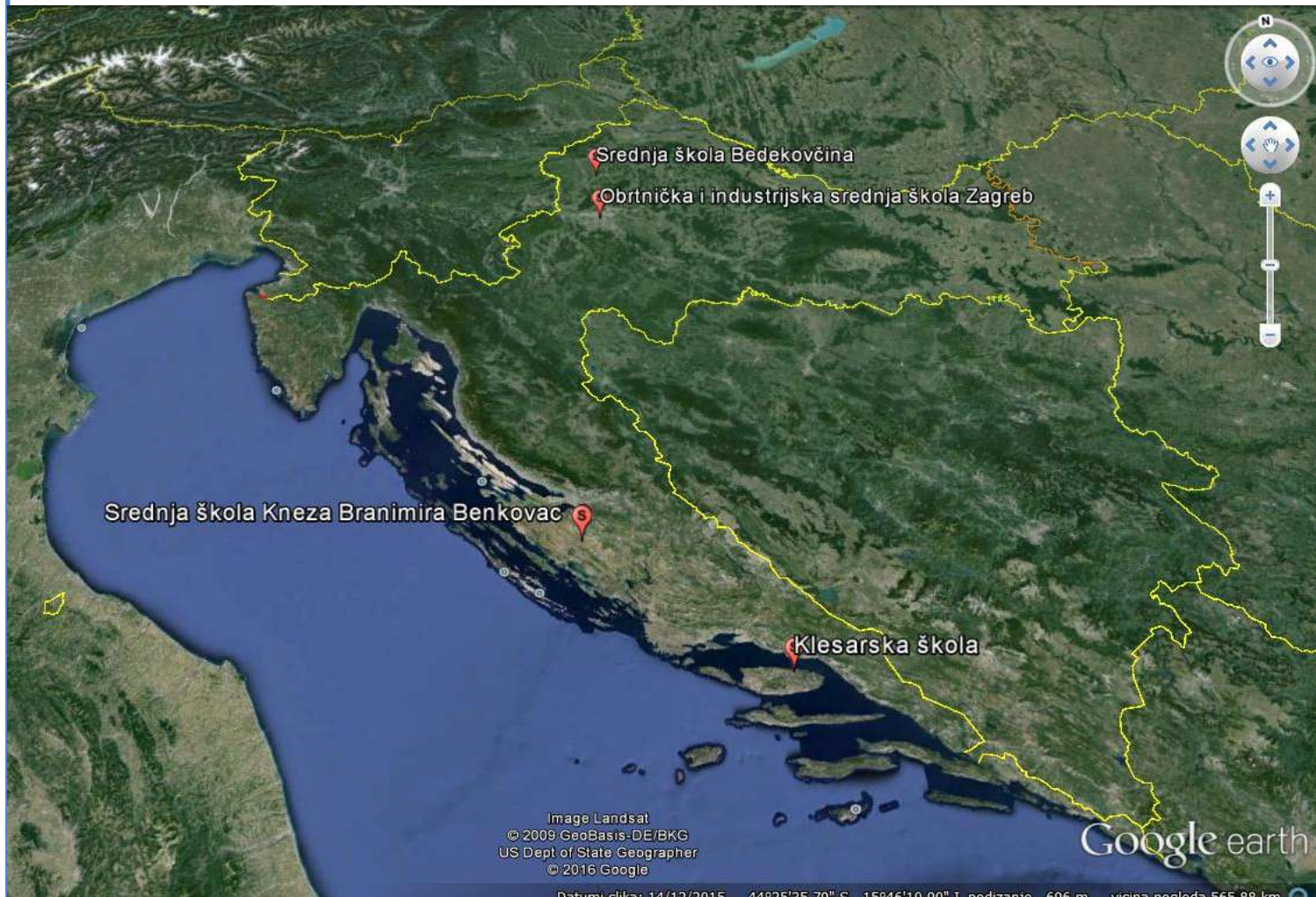
EDUCATION PROGRAM STONECUTTER AND PROFESSIONAL VERTICAL IN CROATIA

KLESARSKA ŠKOLA

STONEMASONRY SCHOOL

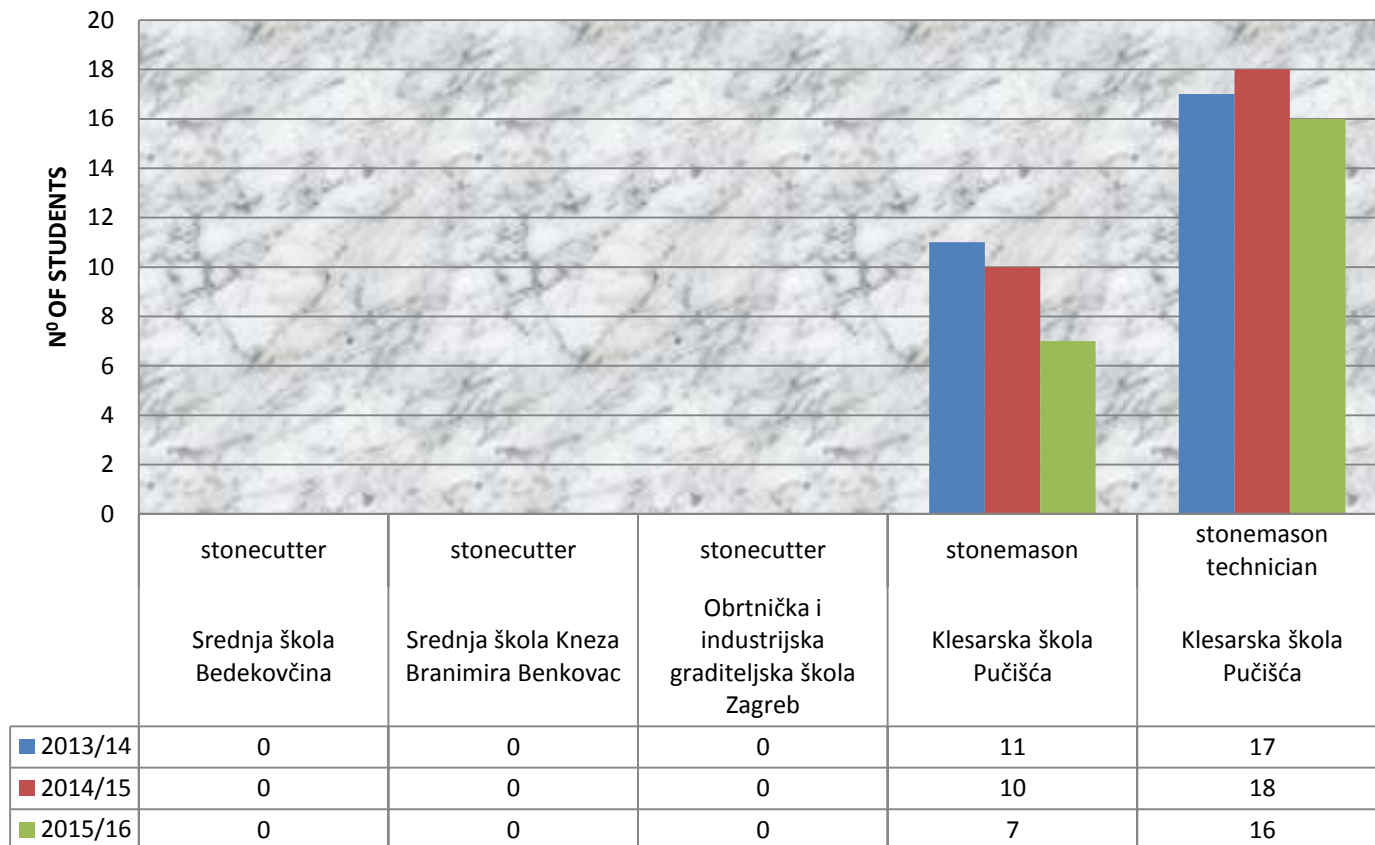
Ljubljana, 7th - 11th
of March 2016.

➤ **Secondary schools in Croatia that have education programs for stonecutter/stonemason**



➤ Enrolment

ENROLMENT IN SCHOOLS FOR STONECUTTERS/STONEMASONS IN CROATIA IN LAST 3 YEARS



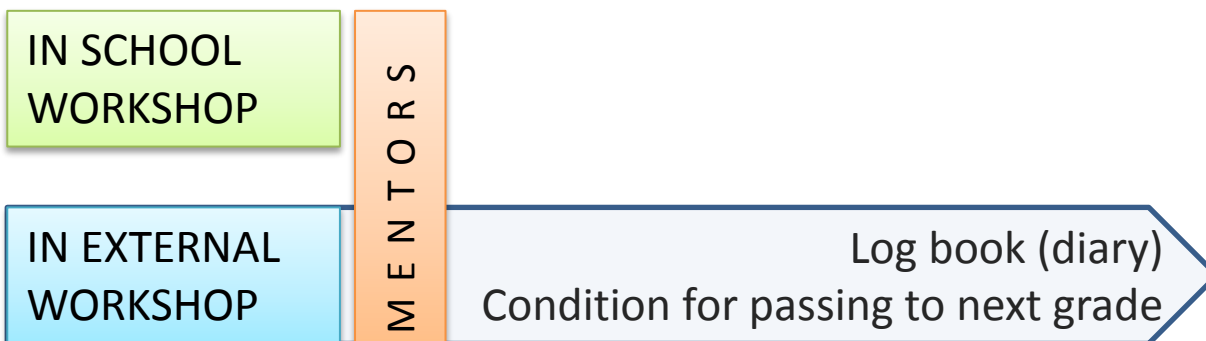


➤ **Enrollment
condition**

STONEMASONS – contract with some stonemason enterprise or trade

STONEMASONS TECHNICIANS - medical certificat

➤ **Practical
work during
the school**





➤ **Professional
vertical**

After secondary education (final exam) students usually go to:

Faculty of Civil engineering



Geology



Sveučilište u Zagrebu
**RUDARSKO
GEOLOŠKO
NAFTNI FAKULTET**

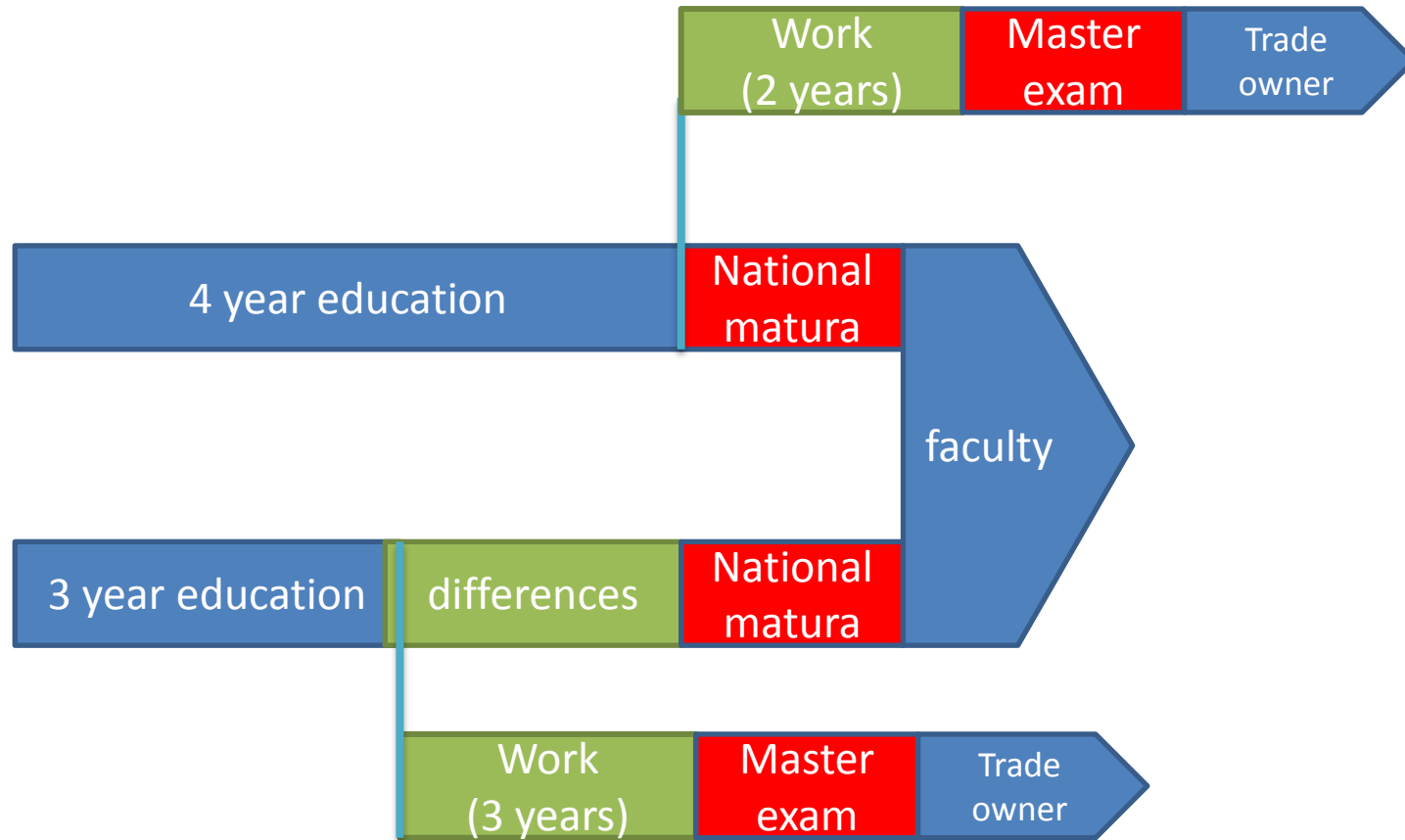
Restauration



Sculpting



➤ **National mature – enrollment condition**





➤ **National
mature –
enrollment
condition**

STONEMASONS – after they passed finals they have to pass differences - about 20 subjects (only 2 students did it)

STONEMASONS = STONEMASONS TECHNICIANS

STONEMASONS = STONEMASONS TECHNICIANS **≠ GYMNASIUM**

National matura is adapted to gymnasium (middle school)

- We have to prepare our students for enrollment – extra classes for mathematics, croatian language, english language and some optional subjects like physics, informatics, chemistry ...

Optional subjects of new curricula (physics, chemistry) had been chosen to help student to prepare for national matura



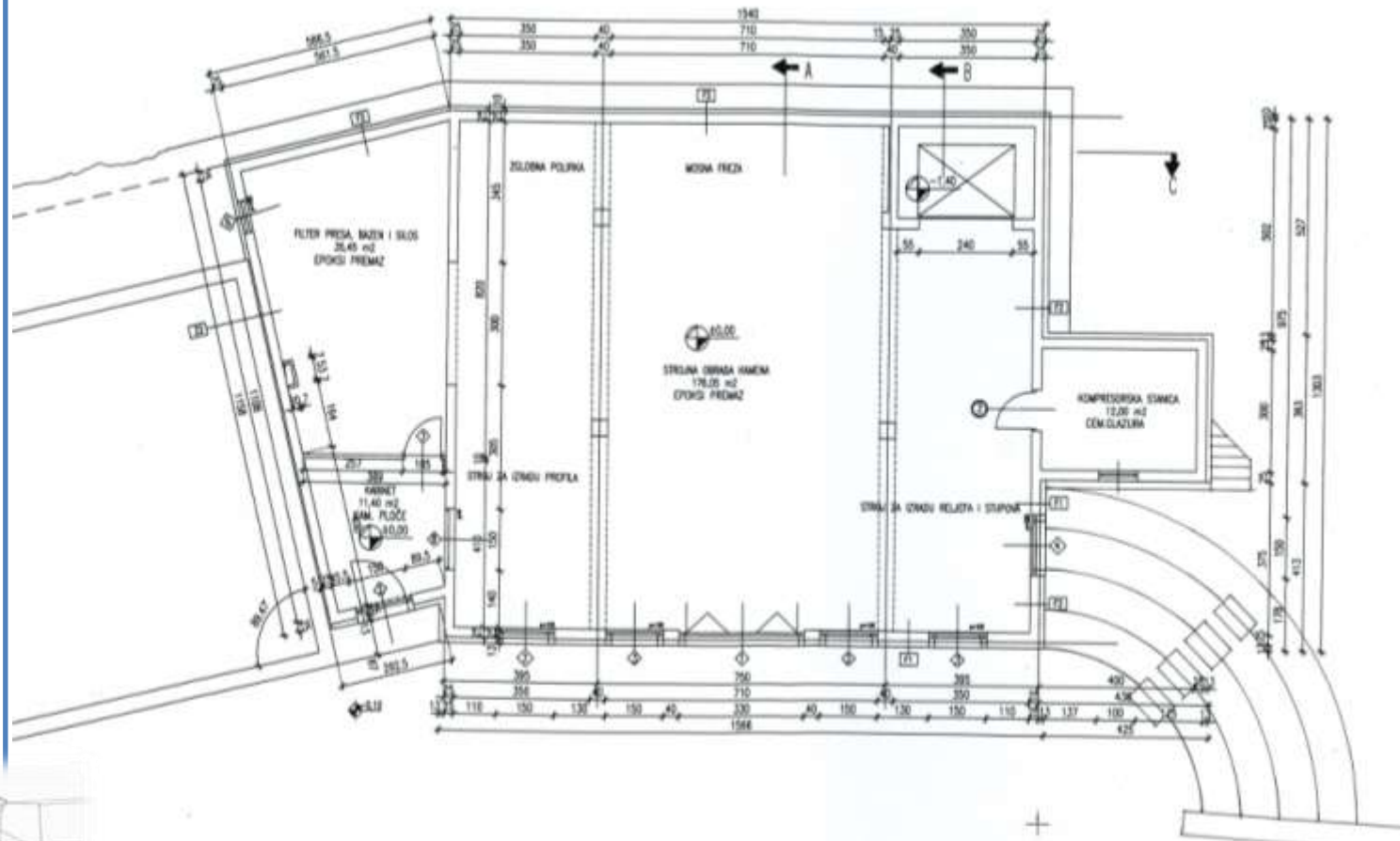
➤ **Other**
possible ways
for
advancement

Good chance for advancement we see in students mobility during the education and after - specialities

Also we woul like to offer that possibility to others

Competences Centre/ Centre of excelences

➤ **Building plans
and
documentation**



Top view is some kind of plan of complete technological process from cutting , shaping, polishing , water reusing...

➤ Stone
processing
machines



We want our students to be prepared for labour market

Also we want our students to be guidance to future employers – equipment buying and usage

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PREDMET: Ponuda stroja

CNC MACHINING CENTRE
CONCEPT 13



"CONCEPT 13"

Stroj sa 3 osi "X-Y-Z" za obradu bilo koje ploče ili bloka od mramora, granita, umjetnog kamena i stakla. Radi bilo koji tip bušenja, rezanje diskom (opcija), oblikovanje, profiliranje, poliranje, graviranje, tekst i trodimenzionalne površine.

STRUKTURA

Glavna struktura ima oblik "monobloka" sa bazom od elektro-zavarenog čelika. Kao jamstvo protiv korozije cijela struktura prolazi anti-hrdajuće pjeskarenje, metalizaciju i epoksi bojenje.

RADNA SKUPINA

Sastoji se od elektro osovine velike snage i rashlađuje se uz pomoć vodenog sistema u zatvorenom krugu.

Glavne karakteristike:

- Max snaga do 13,5 KW (18 HP), max brzina rotacije do 15000 rpm/min, torque 22,6 Nm at 6000 rpm/min.,
- stalni prijenos snage kod rada
- pouzdanost i dugotrajan vijek čak i u slučaju vrlo zahtjevne namjene

STONEPLACING

Deliverable number	2.1	
Title	STONE PLACING COURSE CURRICULUM	
Type of outputs / products / results	Curricula and virtual environment	
Delivery date	Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other programme participants (including Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA and Commission services and project reviewers)
Nature	<input type="checkbox"/> Report <input checked="" type="checkbox"/> Service / Product <input type="checkbox"/> Demonstrator / Prototype <input type="checkbox"/> Event <input type="checkbox"/> Other	
Language versions	EN ES DE SE FR HR	
Target languages		
Description (limit 1000 characters)		

Author: CTM

Project acronym: STONEPLACING Project

Task: 2.1.2. TEMPLATES



- THE MISSING LINK
- Montage of manufactured stone
- STONE PLACING COURSE CURRICULUM
- Lider partner: CTM, Spain



➤ **Placing of
stone**

New school “product” or offer

New speciality

Possibility to continue studing for students and adults to
specialized that competence

To protect stone of degradation because of unaproprate placing –
stone durability strong depends of that final phase

One of the way to promote stone as good and desirable material

The point is



- **Education**
- in stone**
- generally**

Croatian architects and designers (mostly) prefer other materials (concrete, glass, wood, different new materials...)



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UPGRADING VOCATIONAL EDUCATION IN DESIGN STONE AT SECONDARY LEVEL IN CROATIA

KLESARSKA ŠKOLA

STONEMASONRY SCHOOL

Ljubljana 13th -
17th 2016



➤ **Education**

in stone

design

There is no institutional
education in stone design in
Croatia

Not at the secondary level

Not at the higher level

It is individually and rare
(sculpting, aplicable art..)



Thank you for your attention

Tamara Plastić, Klesarska škola