Polish Stonemasons' Cluster.

*Tradition and new technologies and cross-border networking*

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Polish Stone Cluster

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Where are we from?
And why from there?
Resources of building stones in Poland
How looks quarry near Strzegom?
New technologies in the factory
The machine can cut shapes
Example of use

(Craft, art & modern technology in one)
Lower Silesian Center of Cell Transplantation
## New technology in stonemasonry - comparison savings

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Standard product (slab)</th>
<th>Special product (sculpture DNA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>czas / time</td>
<td>80% mniej / less</td>
<td>90% mniej / less</td>
</tr>
<tr>
<td>zużycie energii / energy consumption</td>
<td>60% mniej / less</td>
<td>90% mniej / less</td>
</tr>
<tr>
<td>straty materiału / stuff loss</td>
<td>30% mniej / less</td>
<td>99% mniej / less</td>
</tr>
<tr>
<td>zużycie wody / water consumption</td>
<td>75% mniej / less</td>
<td>......</td>
</tr>
<tr>
<td>odpad / waste</td>
<td>30% mniej / less</td>
<td>99% mniej / less</td>
</tr>
<tr>
<td>hałas / noise</td>
<td>35% mniej / less</td>
<td>35% mniej / less</td>
</tr>
<tr>
<td>zapylenie / air pollution</td>
<td>-</td>
<td>99% mniej / less</td>
</tr>
</tbody>
</table>
Tradition
The last step was done by hand
Maybe not tools like a hundred years ago, but still this skilled worker is the most important
sometimes we forget about traditional methods
to preserving tradition very important is education
Cross-border networking
and tradition
Polish-Czech Interreg project:

2018 - „City of children”
4 days
about 200 children from both countries worked in various professions
e.g.:
fireman,
gardener
policeman
car mechanic
baker
and of course a stonemason
every profession had its stand prepared by guilds, company,
children earned special money

they could spend their money in the store every day at the end of the working day…

or pay them regularly to the „bank” and at the end of the fourth day have twice as much money

(the money was false but the products were real)
the children learned how hard the masons work

but they still recognized the stonemason's stand as the best profession

and we have made together with children 200 hearts
Polish-Czech project:

2016 - „Patnik” (a stone of friendship)
were created **live** during the city festival from **local** stones
placed in front of a stonemason's school in Strzegom
Polish-Czech Interreg project:

2019 - „World of stone”

In 2018 Polish and Czech students made together 7 stone benches to the park near the school in Strzegom.
Finally, let's get back to the first topic.

Another look at innovation in old profession?
Development of (post-production) waste

Granite (silver) jewelry
But that's another story...
Thank you!

Questions welcome