Beyond Old Schoolyards

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Erasmus+ Project Learning Environment Applications
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Schoolyards in Europe

Grammar School, Düsseldorf, Germany

Foto Petra Moog
Schoolyards in Europe

Primary School, Amsterdam, The Netherlands | Foto Petra Moog
Schoolyards in Europe

Vocational Center, Bozen, Italy

Foto Petra Moog
...most schoolyards in Europe
...few schoolyards in Europe
Few schoolyards in Europe
Few schoolyards in Europe

Special School, Reken, Germany  Foto Petra Moog
Distribution of ca. 5 200 schools of North-Rhine-Westfalia, Germany

www.giscloud.nrw.de/schulkarte-nrw.html
Green schoolyards will…
… will host plants and bees…
… support less warming up of school buildings…
… form a web of biotops…
… help kids to sense nature…
… be a recreation area…
… will form a biotop web in the country…
… will bind CO₂…
… to be continued…

Schools of NRW turned green. www.giscloud.nrw.de/schulkarte-nrw.html
1 ha meadow transforms 6t CO₂ per year!

Private School, Munich, Germany

Foto Petra Moog
### Pupils and students in the European Union, 2018

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Pupils/students enrolled</th>
<th>Pupils/students per teacher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early childhood education</td>
<td>15.7 million</td>
<td>10.9</td>
</tr>
<tr>
<td>Primary education</td>
<td>+24.5 million</td>
<td>13.6</td>
</tr>
<tr>
<td>Lower secondary education</td>
<td>+18.3 million</td>
<td>12.0</td>
</tr>
<tr>
<td>Upper secondary education</td>
<td>+17.7 million</td>
<td>11.3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>76.2 million</strong></td>
<td></td>
</tr>
</tbody>
</table>

(*) The exact sum of students and pupils in the EU without rounding is 76.1 million.
<table>
<thead>
<tr>
<th>Pupils</th>
<th>*Size of European Schoolyards</th>
<th>CO₂ Consumption per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany</td>
<td>10 900 000</td>
<td>4 360 ha</td>
</tr>
<tr>
<td>Europe</td>
<td>76 100 000</td>
<td>30 440 ha</td>
</tr>
</tbody>
</table>

*Calculation basis: According to national regulations recommended size of schoolyards is 4-6 m²/pupil. Estimation is based on 4 m²/pupil.
Imagine...          ...and roofs...
THANK YOU

www.learning-space.eu
www.learning-environments.eu
www.kooperation-pulsverbund.eu

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offers interactive videos, self-learning elements and forums that are available online at any time - free of charge and freely accessible.

HANDBOOK
connects pioneering pedagogy, modern administrative action and sustainable architecture.

GAME
makes it possible to identify the needs for innovative learning spaces across ages and professions by connecting analogue and digital creativity.

APP
helps users to analyse learning spaces and to further develop them according to their specific needs.