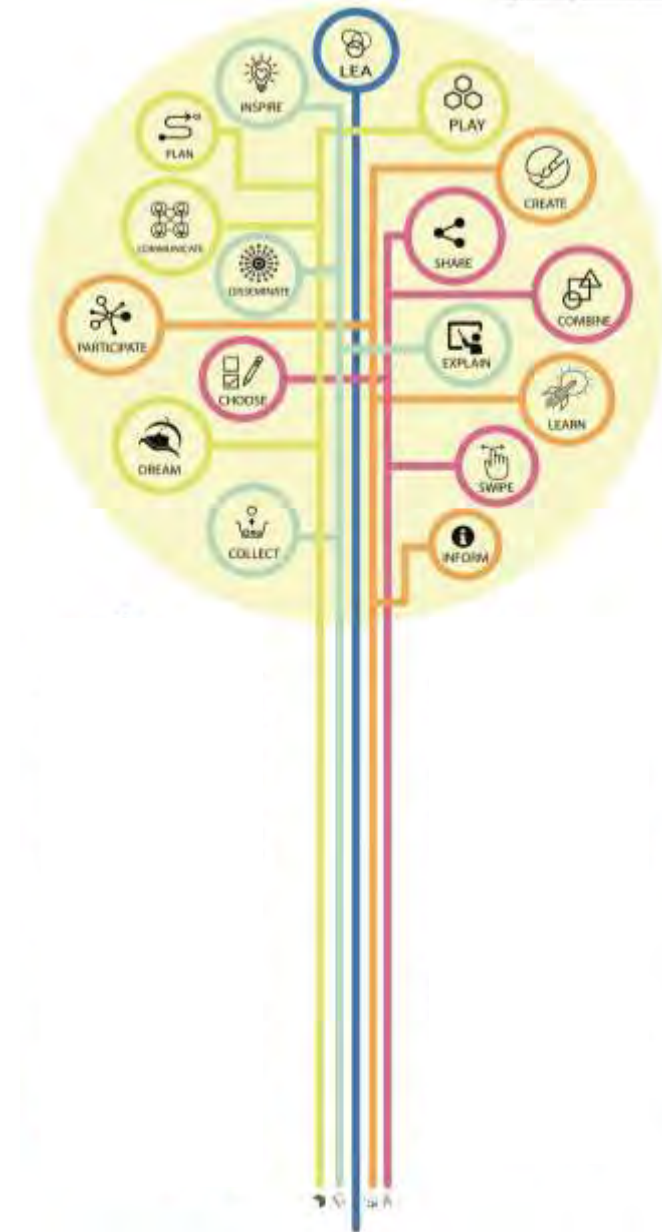


# BEYOND OLD SCHOOLyards

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Erasmus+ Project Learning Environment Applications  
LEA 2020-1-DE02-KA202-007655



Schoolyards in Europe





Schoolyards in Europe





Schoolyards in Europe



# ...most schoolyards in Europe...



# ...few schoolyards in Europe...



# ...few schoolyards in Europe...

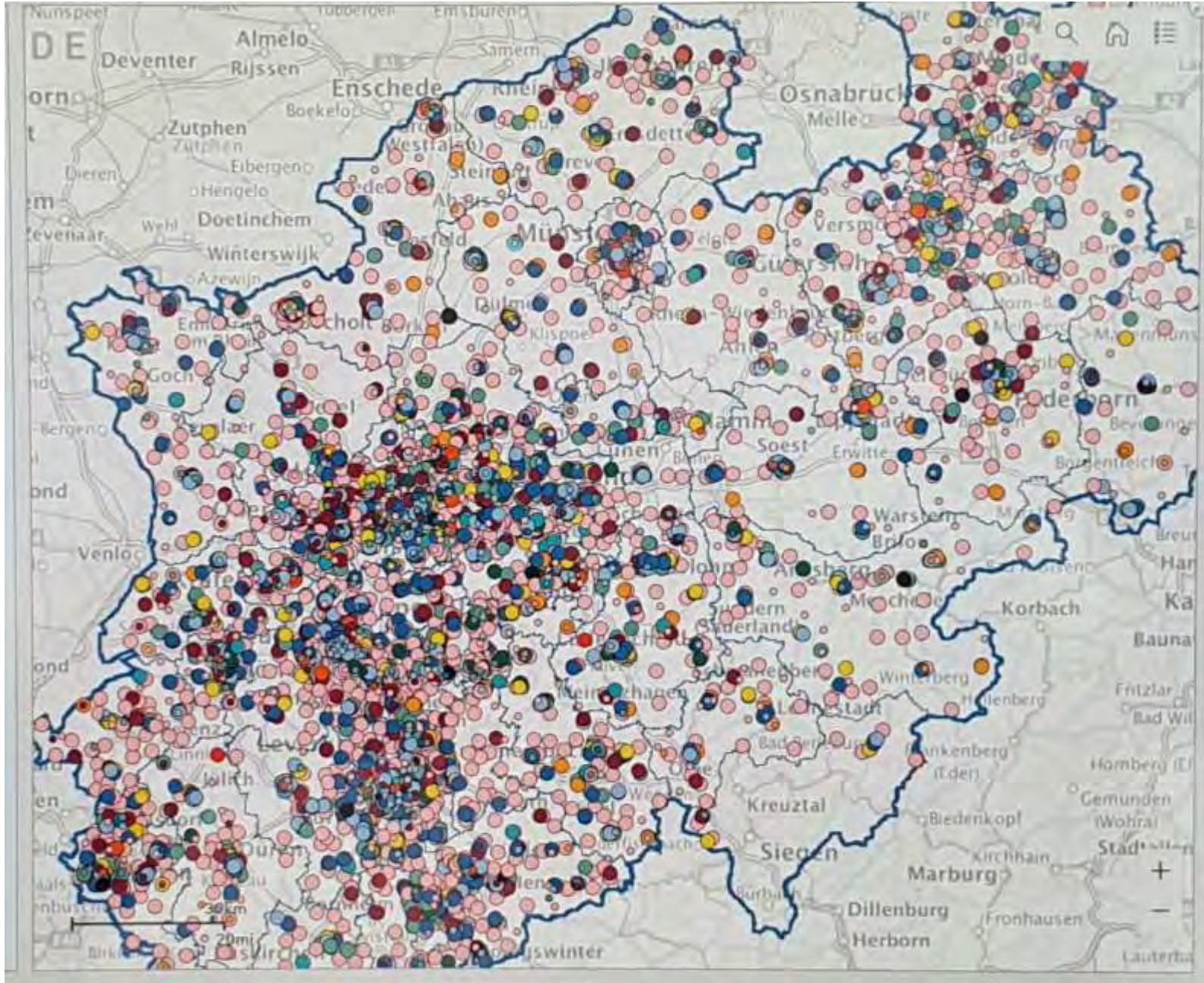


Primary School, The Netherlands | Foto Petra Moog

# ...few schoolyards in Europe...

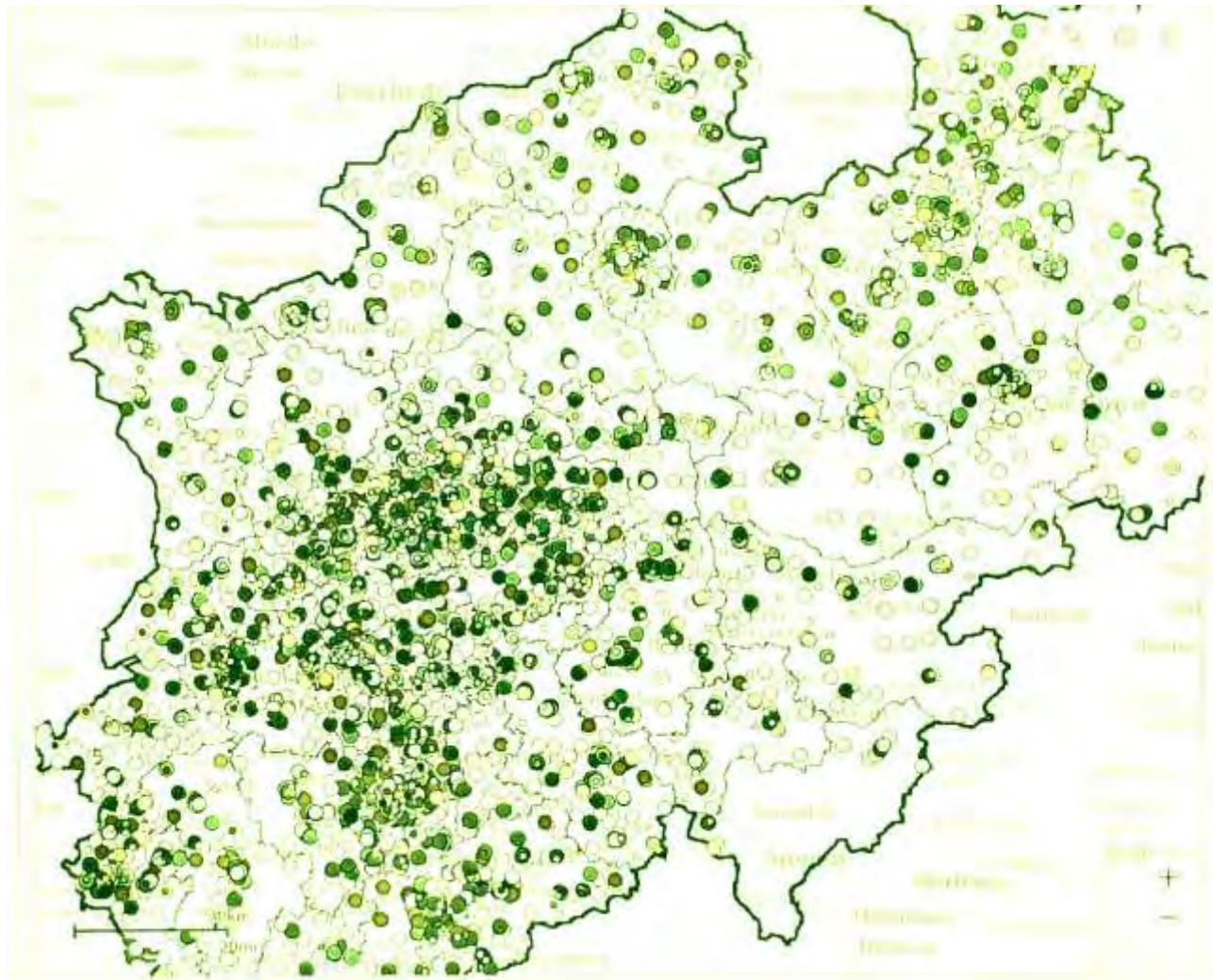


# Schools of North-Rhine-Westfalia



Distribution of ca. 5 200 schools of North-Rhine-Westfalia, Germany

# Imagine...



## Green schoolyards...

- ... 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 biotope web in the country...
- ... will bind CO<sub>2</sub>...

...to be continued...

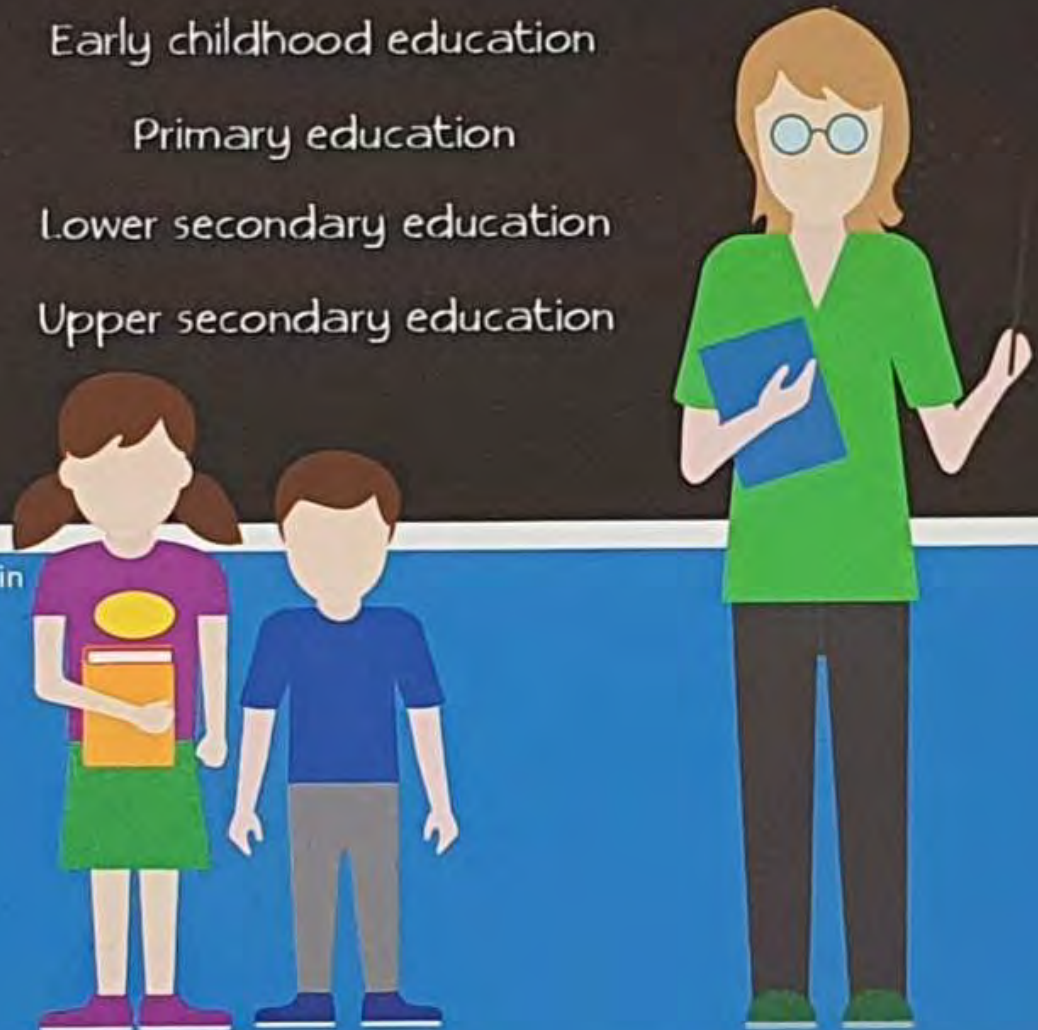
1 ha meadow transforms 6t CO<sub>2</sub> per year!



# Pupils and students in the European Union, 2018

Pupils/students enrolled		Pupils /students per teacher	
15.7 million	Early childhood education	10.9	
+24.5 million	Primary education	13.6	
+18.3 million	Lower secondary education	12.0	
+17.7 million	Upper secondary education	11.3	
<hr/>			
= 76.2 million*			

(\*) The exact sum of students and pupils in the EU without rounding is 76.1 million.



# Estimation all European schoolyards are green:

**CO<sub>2</sub> Consumption**

	<b>Pupils</b>	<b>*Size of European Schoolyards</b>	<b>CO<sub>2</sub> Consumption per Year</b>
<b>Germany</b>	10 900 000	4 360 ha	26 160 t
<b>Europe</b>	76 100 000	30 440 ha	182 640 t

\*Calculation basis: According to national regulations recommended size of schoolyards is 4-6 m<sup>2</sup>/pupil. Estimation is based on 4 m<sup>2</sup>/pupil.

Future Schoolyards



...imagine...

...and roofs...



Green Facade, Brixen, Italy

# THANK YOU

[www.learning-space.eu](http://www.learning-space.eu)

[www.learning-environments.eu](http://www.learning-environments.eu)

[www.kooperation-pulsverbund.eu](http://www.kooperation-pulsverbund.eu)



**lea** learning environment applications



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**movetia**



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### MOOC on PHASE ZERO

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



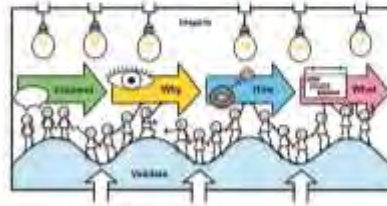
### GAME

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



### HANDBOOK

connects pioneering pedagogy, modern administrative action and sustainable architecture.



### APP

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

