



CarboSchools: partnerships between climate researchers and secondary school teachers. CarboOcean's and CarboEurope's combined initiative to educate pupils in latest marine and terrestrial carbon cycle research

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CarboSchools links researchers from several leading carbon science laboratories in Europe with secondary schools. In these partnerships, young Europeans conduct experiments on the impact of greenhouse gases and learn about climate research and the reduction of emissions. Scientists and teachers co-operate to give young people practical experience of research through true investigations and direct interactions with scientists. The pupils also have the opportunity to inform the wider community about climate change by producing a final output of articles, exhibitions, conferences etc.

Nine research institutes in seven countries are exploring how they can best motivate and support such partnerships at the regional level across a wide variety of contexts, topics, and age-groups. European co-operation makes it possible to compare results, learn from each other and develop replicable good practice. Pupils can gain European experience by getting involved in the Europe-wide "school CO₂-web" project. In order to assess the educational impact of the CarboSchools project, an in-depth evaluation of attitudes, beliefs, and skills will be carried out.

Started in 2004 by CarboEurope and CarboOcean, two major European Integrated Projects on the terrestrial and marine carbon cycle, CarboSchools is currently funded by the Science and society programme of the EU with a target of ca 100 schools directly involved. Furthermore, EPOCA, a new EU project on ocean acidification, joins forces with CarboSchools.