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Scalable ABM platforms with friendly interaction to address practical problems.

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Many problems can be addressed in a realistic way with the help of Agent Based Model tools.
However, these tools are sometimes not easy to use for a final user, or are not able to scale up to use the computing resources required by the problem.
We propose to develop a general platform supporting different ABM solutions, and deployed as a service in HPC Cloud resources.
We analyze a first possible pilot, through the discussion of a simple but real use case: the anthropogenic impact in the water quality in a lake.

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