Over 60 biogenic volatile organic compound (BVOC) modellers and observation scientists from 16 different countries met at Lancaster University in May 2011 to discuss BVOC modelling and applications.

Conclusion: there is an urgent need for a database of BVOC flux measurements ("VOCsNET") to facilitate advancement of scientific understanding of the role of BVOCs in tropospheric chemistry and climate change.

It should provide a user-friendly central repository, accessible to the whole community. The software has already been implemented for NITROEUROPE and ECLAIRE. VOCsNET will draw on these experiences, and from other projects such as FLUXNET.

We propose a BVOC flux database ("VOCsNET") to provide a single point of access to all BVOC flux data for communities engaged in BVOC research and modelling, earth system modelling, pollution and climate change modelling.

We propose to use the database concept and software developed for the NitroEurope project: branded, deployed and enhanced for VOCsNET.
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HOW ABOUT YOU?
Please get in touch!
susa1@ceh.ac.uk

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