



# SusCritMat Short Course on electric mobility

April 10, Clare College, Cambridge

Participation is free - please register at

<http://materialseducation.com/2019/cambridge/Register/index.htm>

## April 9, from 18:00

“In the Loop” game night with drinks and snacks

The Old Bicycle Shop, 104 Regent Street, Cambridge CB2 1DP

<https://www.oldbicycleshop.com>

## April 10

|             |   |                   |   |
|-------------|---|-------------------|---|
| 8:00-8:30   | <i>Welcome Coffee</i>                                   |                   |   |
| 8:30-9:00   | <b>Electric mobility developments in Europe</b>         | <i>Lecture</i>    | tbc   |
| 9:00-9:15   | <b>Geopolitical aspects of critical raw materials</b>   | <i>Lecture</i>    | <b>David Peck, TU Delft</b>                     |
| 9:15-10:00  | <b>Cobalt and Lithium: Primary and secondary supply</b> | <i>Lecture</i>    | <b>Ester van der Voet, University of Leiden</b> |
| 10:00-10:30 | <i>Coffee Break</i>                                     |                   |   |
| 10:30-12:30 | <b>Sustainability Assessment: electric car case</b>     | <i>Group Work</i> | <b>Granta Design, Participants</b>              |
| 12:30-13:30 | <i>Lunch Break</i>                                      |                   |   |
| 13:30-14:15 | <b>Introduction into criticality assessment</b>         | <i>Lecture</i>    | <b>Gus Gunn, BGS</b>                            |
| 14:15-15:00 | <b>Assessing the Criticality of Co and Li</b>           | <i>Group work</i> | <b>Participants</b>                             |
| 15:00-15:30 | <i>Coffee Break</i>                                     |                   |   |
| 15:30-16:15 | <b>Demand scenarios for metals</b>                      | <i>Lecture</i>    | <b>Ester van der Voet, University of Leiden</b> |
| 16:15-17:00 | <b>Scenario planning for Co and Li</b>                  | <i>Group work</i> | <b>Participants</b>                             |
| 17:00-17:30 | <b>Certification options for minerals</b>               | <i>Lecture</i>    | <b>Steven Young, University of Waterloo</b>     |
| 17:30-18:00 | <b>Certification potentials of Co and Li</b>            | <i>Group work</i> | <b>Participants</b>                             |
| 18:00-18:15 | <b>Final discussion and wrap-up</b>                     | <i>Discussion</i> | <b>All</b>                                      |
| From 18:15  | <i>Apéritif</i>   |                   |   |