WS5b: Transport

Introducing a new CCG tool: **OSeMobility**, the *open-source mobilities model*

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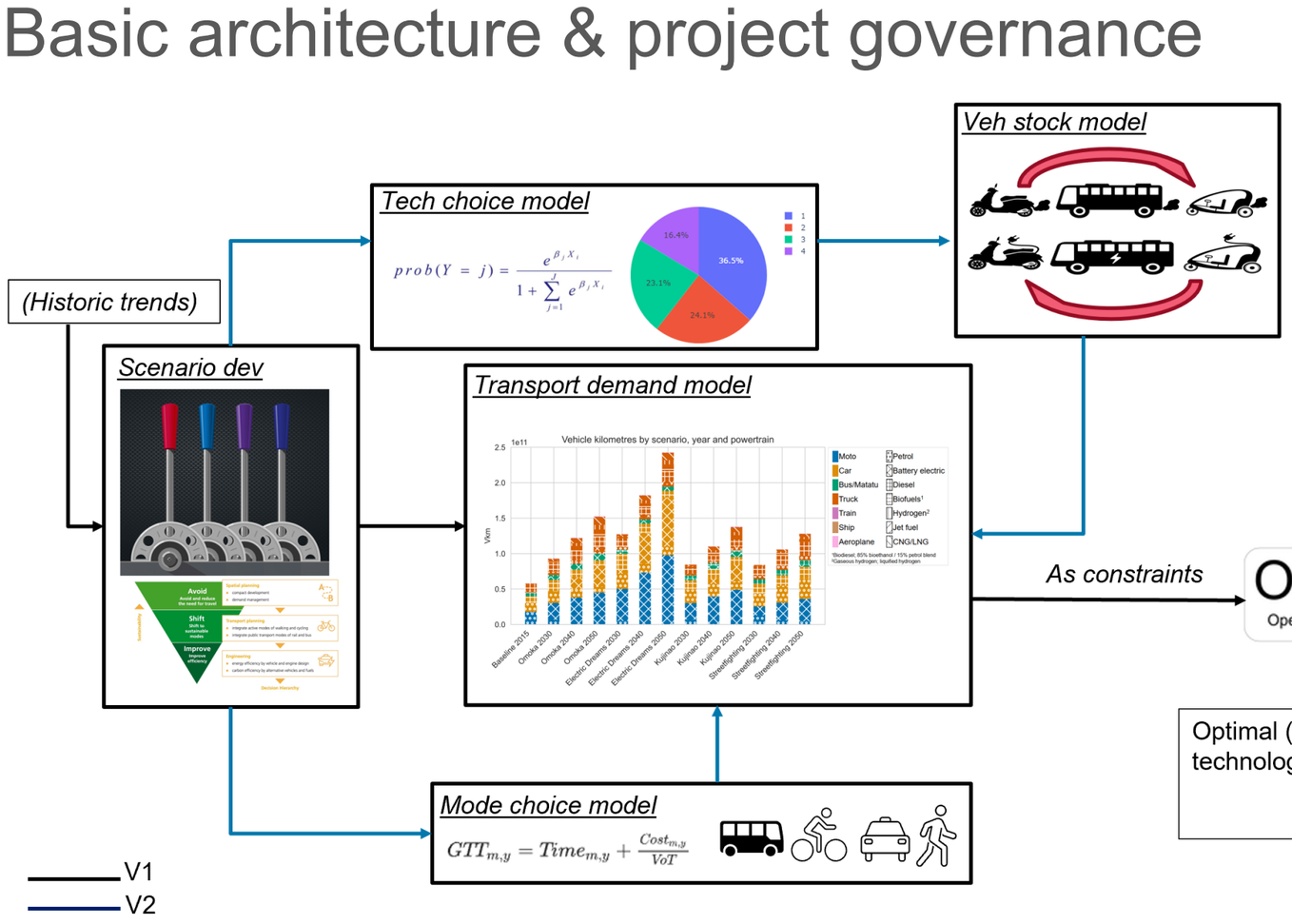
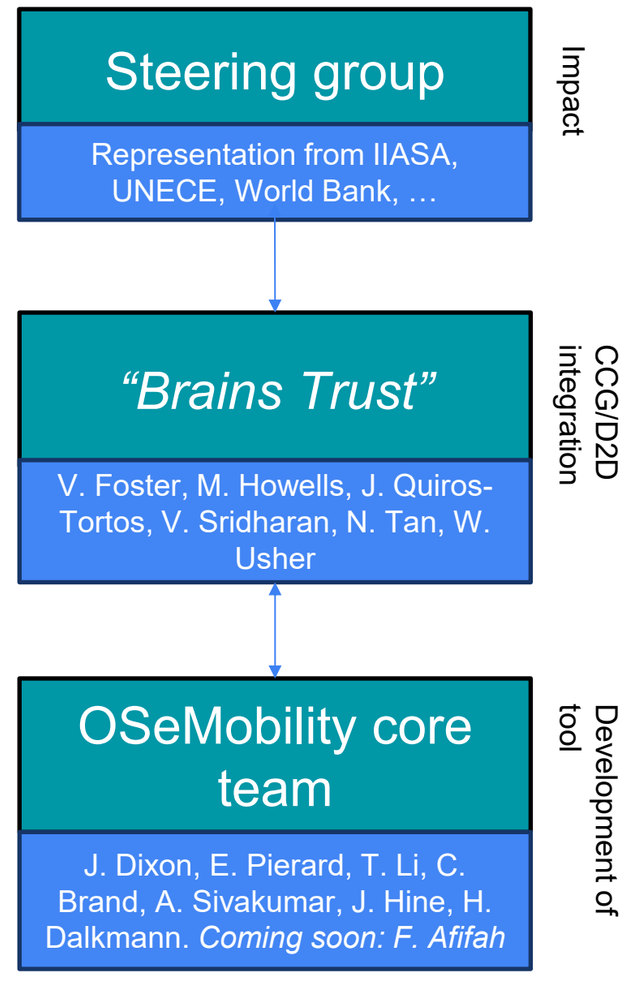
Why OSeMobility?

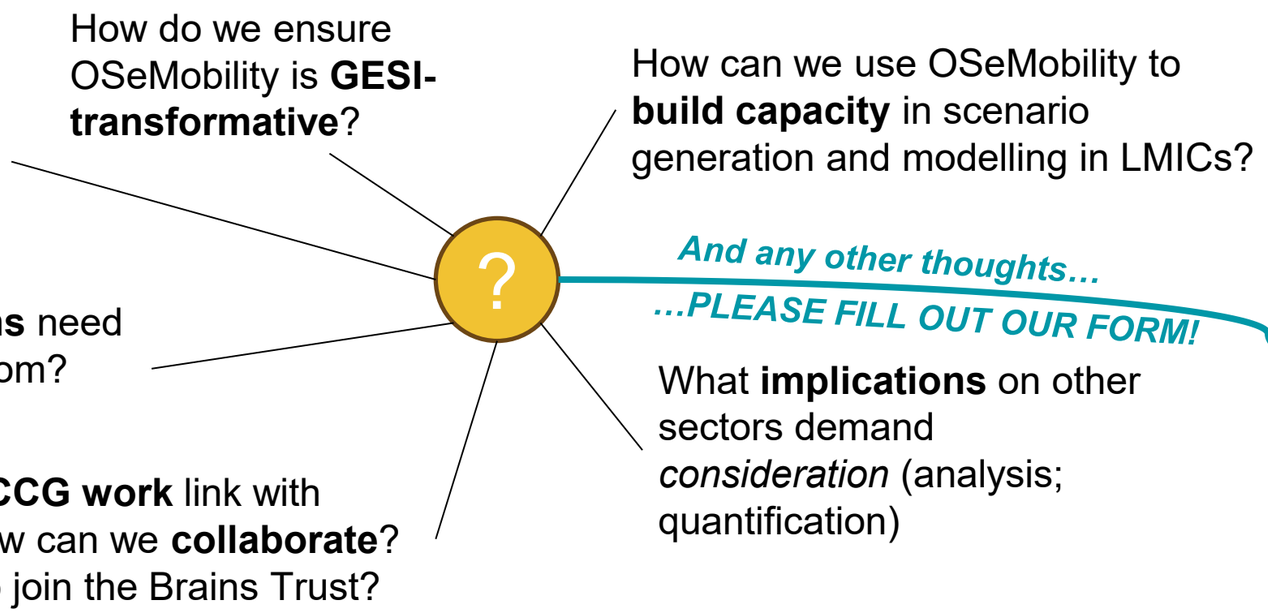
- The representation of the transport sector is usually **simplistic** in whole energy system models, often constructed from an ***energy supply*** lens.
- Improving the representation of the transport sector allows stakeholders to build **integrated pathways** that cover not only the energy demand of the transport sector, but the everyday mobilities of goods and people in advancing transitions towards **clean, equitable access to goods and services**
- There are existing approaches in the literature, but OSeMobility will be the first such tool that is **open source** and **integrable with CCG's Data 2 Deal workflow**, allowing transport pathways to be fed into OSeMOSYS, MinFin, etc. in building **bankable pathways** to low-carbon economic development.
- OSeMobility is in its early stages of development and we seek your input! **Use the form below!**

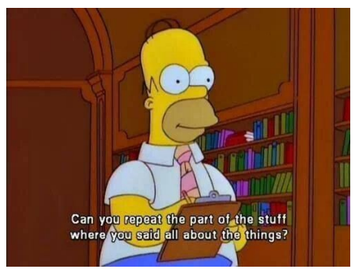
Basic architecture & project governance





Have your say: how do we **make this as useful as possible?**





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Progress / next steps: OSeMobility-**Zambia**

- The basic architecture of OSeMobility is being fleshed out as individual **modules** are being developed. See: https://github.com/jamesjhdixon/osemobility
- The first instance of OSeMobility will be for **Zambia**. This is being co-developed with **UNZA**, **ZIPAR** and **ZEMIA**. Our path to impact with this tool is through the Sustainable Urban Mobility Advisory Committee (SUMAC). Initial meetings with the Zambian Ministry of Transport & Logistics (MTL) are being held to ensure **government buy-in** of the tool in building scenarios and forming **evidence-based transport policy**.
- Lessons are being learnt from last year's TEAM-Kenya work, and as such University of Nairobi, Strathmore University and Africa E-mobility Alliance are working on the project to ensure **translation of learning** from the Kenyan case.

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This poster was made with **haste**. Please reach out to james.dixon@strath.ac.uk to discuss any specifics!

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