## 3. Background Research 2. Motivation Large multi-national companies £13.5 **Current Initiatives National** Industry million Back to to Address Skills **Empowering and** Centre for In-work funded funding university Gap<sup>1-2</sup> in UK Computing retraining retraining people degrees (2019)to retrain impacted by (2018)(2019)1. Aim technology<sup>3-4</sup> could mitigate School University unemployment and Work curriculum degrees, masters, PhDs inequalities. retraining, new roles How can education National Retraining Scheme help to ensure **no** one is left behind Lifelong as technologies, Large chunk of particularly AI, learning advance. the population at risk of being Augar Report (2019) **Leaving No One** left behind. 6. Contribution to AIED **Behind** 1% population<sup>5</sup> **Educating Those Most** An Study Elements of Al Affected by AI education Policy needs of Finland framework guidelines Laura Gemmell, Lucy Wenham, adult Vocational Free adult education learners Sabine Hauert education University of Bristol **Bristol Robotics Lab** 5. Methodology 4. Theoretical Framework Current plans / buy in Investigate Imagine Open ended questions **Exploratory** Government Four focus Attitudes to Al Office for Al Inspire **User-led** Reflect and groups Semidesign<sup>7</sup> Thought-Interviews<sup>6</sup> structured Leaders Royal Society Hard to reach Student profiles Evaluate\ Ideate **Individuals** Plans for retraining Build a rapport Prototype CogX Education Companies Adult Community centre, Retail for social Most Jobcentre, charities Learning justice<sup>8</sup> Affected by Companies Council ΑI Manufacturing ` Open University References [1] Centre for European Economic Research: Robots create jobs new research (2018) University of BRISTOL EPSRC [5] Delcker, J.: Finlands grand AI experiment (2019) [2] Manyika, J. et al: Lost, Jobs Gained (2017) [6] Kvale, S.: Doing Interviews. Qualitative Research Kit, SAGE Publications (2008) [3] House of Lords Select Committee on Artificial Intelligence: AI in the UK. (2018) [7] Mor, Y. et al: The learning design studio. (2013) **Bristol Robotics Laboratory** [4] The Royal Society: Machine learning. (2017) [8] Atkins, L et al: Research Methods for Social Justice and Equity in Education. (2019)