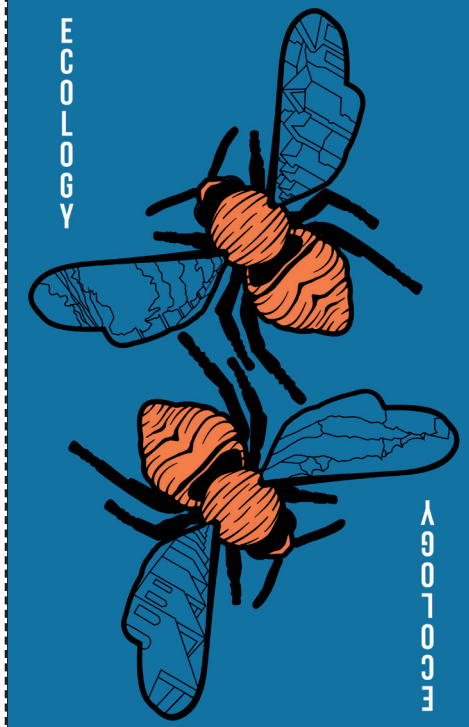
ECOLOGY



ECOLOGY

HOW SUSTAINABLY DO WE USE ENERGY AND MATERIALS IN OUR RESEARCH?

How well does it contribute to the use of renewable energy?

How well does it contribute to a reduction of energy use?

How well does our research support the sustainable use of raw materials, such as minerals and metals?

How clear are we about our impact on the use of energy and materials?

HOW DOES OUR RESEARCH IMPACT WATER, AIR, AND CLIMATE?

How does our research impact the quality of water and air?

How does our research contribute positively to our climate?

What is our research's carbon footprint?

How clear are we about our climate impact?

HOW DOES OUR RESEARCH IMPACT OUR LOCAL PLANT AND ANIMAL ECOSYSTEM?

How does our research impact the resilience of our ecosystem?

How does it impact local biodiversity?

Does it reduce the extinction of plant or animal species?

How clear are we about our impact on ecosystems?

HOW DOES OUR RESEARCH HELP PROTECT NATURAL AND HUMAN HABITATS?

How does our research benefit natural habitats of plants and animals?

How does it contribute to higher quality of life of humans and non-humans?

How does it improve access to natural spaces for local people?

How clear are we about our impact on habitats?

HOW DOES OUR RESEARCH IMPACT THE TRANSPORT SYSTEM (ROAD, RAIL, AIR, WATER)?

How does our research contribute to the reduction of urban sprawl?

How does it improve access to mass transport modes and reduce our dependency on cars?

How well does it promote a reduction of energy-intense air and sea transport?

How clear are we about our impact on our transport infrastructure?

HOW WELL DOES OUR RESEARCH SUPPORT PEOPLE'S PHYSICAL HEALTH?

Does our research improve people's physical health?

How does it impact children?

How does it impact our diets?

How clear are we about our impact on our physical health?

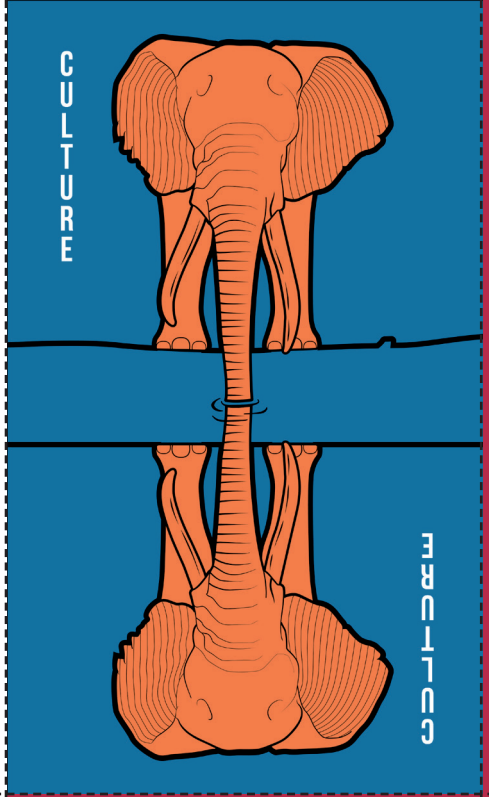
HOW SUSTAINABLE ARE OUR RESEARCH'S LEVELS OF EMISSIONS, WASTE, AND RECYCLING?

How does our research impact waste generation?

How well does it support recycling practices?

How high are its carbon emissions?

How clear are we about our emissions and waste?



HOW WELL DOES OUR RESEARCH SUPPORT CULTURAL DIVERSITY AND BELONGING?

Does our research invite and benefit a diverse group of people?

Does it foster cultural tolerance and respect for others?

How well does it support personal networks and sense of home and place?

How clear are we about our impact on diversity and belonging?

HOW WELL DOES OUR RESEARCH SUPPORT CULTURAL AND ARTISTIC PRACTICES?

How well does our research support the participation in the arts?

How well does it support creative and cultural events and celebrations?

How well does it support participation in sport and physical activity?

How clear are we about our impact on culture and the arts?

HOW WELL DOES OUR RESEARCH SUPPORT BOTH TRADITIONS AND POSITIVE FUTURES?

How well does our research contribute to respect for traditions and heritage?

How well does support the recognition of indigenous customs, histories, and knowledge systems?

How well does it contribute to a sense of hope about the future?

How clear are we about our engagement with past and future?

HOW WELL DOES OUR RESEARCH SUPPORT PEOPLE IN DEVELOPING A SENSE OF PURPOSE AND MEANING?

How well does our research support people developing a sense of meaning in their lives?

How well does it support counter-ideologies to be debated?

How well does it support people of different faiths or spiritualities?

How clear are we about our impact on people's sense of purpose and meaning?

HOW WELL DOES OUR RESEARCH SUPPORT WELLBEING ACROSS GENDER AND GENERATIONS?

How well does our research promote gender equality?

How well does it support young people?

How well does it support older generations?

How clear are we about our impact on gender and generational relations?

HOW WELL DOES OUR RESEARCH SUPPORT MUTUAL LEARNING?

How well does our research promote learning across gender, generation, ethnicity, and class differences?

How much does it foster deliberation and debate about ideas?

How much does it foster critical reflection?

How clear are we about our impact on learning?

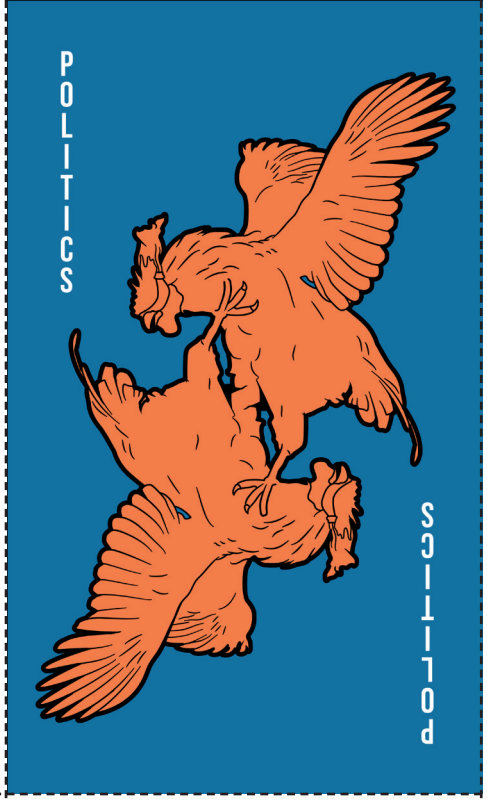
HOW WELL DOES OUR RESEARCH CONTRIBUTE TO WELLBEING AND MENTAL HEALTH?

How well does our research promote people's knowledge about basic health issues?

How well does it support people in times of hardship, stress, or grief?

How well does it enable people's participation in practices that promote wellbeing?

How clear are we about our impact on health and wellbeing?



HOW DOES OUR RESEARCH CONTRIBUTE TO EFFECTIVE AND TRANSPARENT GOVERNANCE?

How does our research support informed and capable leadership?

Does it improve the effectiveness of administration?

Does it support fair distribution of power and authority?

How clear are we about our impact on organisation and governance?

HOW WELL DOES OUR RESEARCH PROMOTE SOCIAL JUSTICE?

How well does our research protect the rights of humans, animals, plants, and ecosystems?

How well does it help to repair historic injustices?

How well does it contribute to peace and respectful cooperation?

How clear are we about our efforts to promote social justice?

HOW WELL DOES OUR RESEARCH SUPPORT FREEDOM OF EXPRESSION AND ACCESS TO INFORMATION?

How well does our research support the free circulation of information?

How well does it foster reflection and non-violent critique?

How does it contribute to the protection of people's privacy?

How clear are we about our impact on information and communication practices?

HOW WELL DOES OUR RESEARCH SUPPORT CO-GOVERNANCE AND PARTICIPATION?

How well does our research contribute to civic participation?

How easily can people be involved and shape our research?

How well does it enable people to contest and resist dominant forces?

How clear are we about our impact on civic participation?

HOW SAFE IS OUR RESEARCH FOR PEOPLE?

How well does our research protect people from economic, physical, and psychological harm?

How safe is it for people experiencing marginalisation, persecution, or poverty?

To what extent do we have insurances or guarantees in place to protect people?

How clear are we about our safety measures?

HOW WELL DOES OUR RESEARCH NEGOTIATE DIFFERENCES AND CONFLICT ACROSS COMMUNITIES?

How well does our research handle differences in ethnicity, race, religion, class, gender, or sex?

How well does it acknowledge contested past events and histories of conflict?

How well does it foster an environment of trust in other people?

How clear are we about our strategies to reconcile tensions?

HOW WELL ARTICULATED ARE OUR ETHICAL PRINCIPLES?

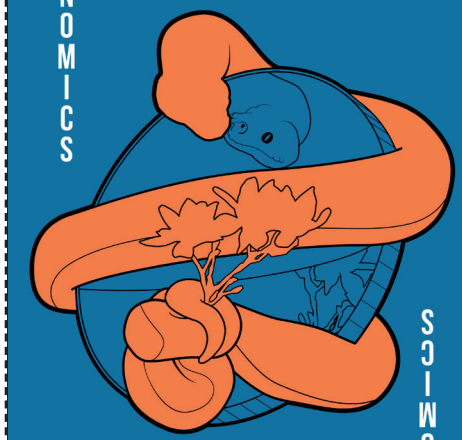
Is our research based on clearly spelled out ethical principles?

How accountable are we for living up to these principles?

How much do we invite debate about our ethical principles?

How clear are we about breaches of ethical principles?

ECONOMICS



ECONOMICS

HOW DOES OUR RESEARCH CONTRIBUTE TO OUR LOCAL ECONOMY?

How much of the primary resources we use in our research are sourced locally?

Does our research generate local jobs?

How well does it support the spread of community design and craft expertise?

How clear are we about our economic practices?

HOW FAIRLY TRADED ARE THE GOODS AND SERVICES OUR RESEARCH USES OR PRODUCES?

How much does our research take part in fair trade?

Does it make basic goods available at low cost or non-commercially?

Does it provide material aid and social support to people in need?

How clear are we about our trading practices?

HOW DOES OUR RESEARCH CONTRIBUTE TO SUSTAINABLE POLICIES AND REGULATIONS?

Does our research inform national and international regulations?

Does it inform policies for transparent spending of money?

Does it inform policies relating to health and safety regulations?

How clear are we about our impact on policy?

HOW DOES OUR RESEARCH SUPPORT SUSTAINABLE CONSUMPTION?

To what extend does our research support the reuse of goods, e.g., through repair or second-hand?

How does it contribute to the ongoing availability of basic necessities, such as food and energy?

How well does it contribute to critical knowledge about advertising and consumption?

How clear are we about our impact on consumption practices?

HOW WELL DOES OUR RESEARCH SUPPORT APPROPRIATE AND SECURE WORK ENVIRONMENTS?

Does our research support people to sustain their lives in dignity?

Does it contribute to secure employments across gender, age, and ethnicity?

Does it contribute to a comprehensive welfare system?

How clear are we about our impact on labour practices?

HOW WELL DOES OUR RESEARCH SUPPORT REGENERATIVE BUSINESS PRACTICES?

How well does our research support the circular economy?

How well does our research support modular products to allow maximum replaceability?

To what extent does research encourage shared use of a service, rather than exclusive ownership of a product?

How clear are we about our contribution to regenerative business practices?

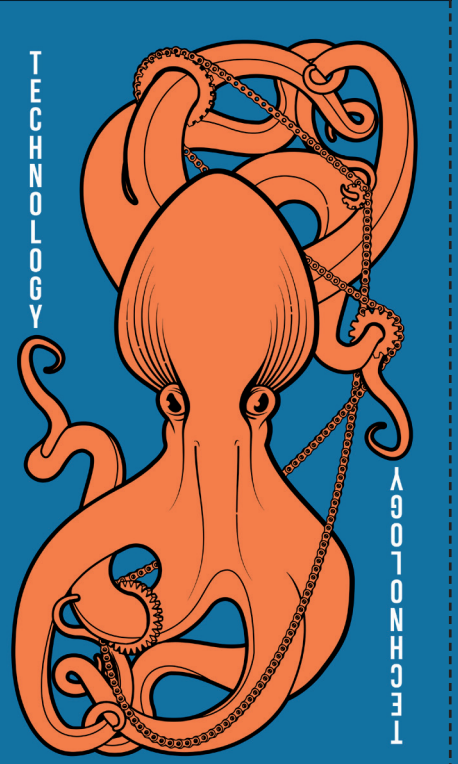
HOW WELL DOES OUR RESEARCH CONTRIBUTE TO SOCIAL BENEFIT FOR ALL?

What social benefit does our research generate?

How much does our research contribute to equitable (re-)distribution of wealth?

How well does our research contribute to fairer wages?

How clear are we about our impact on wealth accumulation?



HOW EASILY CAN THE TECHNOLOGIES WE MAKE BE ADAPTED AND REPURPOSED?

Are they developed in iterative cycles of evaluation and adaptation?

To what extent do our technologies reuse and reconfigure existing (open-source) technologies?

How easy it is for communities to adapt and repurpose our technologies?

How clear are we about the adaptability of our technologies?

HOW LONG ARE THE TECHNOLOGIES WE MAKE BEING USED?

How enthusiastic are our communities about our technologies?

How well do we monitor their long-term use?

Are there pathways for communities to benefit economically by using our technologies?

How clear are we about the long-term use of our technologies?

HOW WELL IS OWNERSHIP OVER THE TECHNOLOGIES WE MAKE SHARED?

To what extent is the development of our technologies led by communities?

To what extent has control over their design been shared with communities?

How well does our research account for a community hand-over of our technologies?

How clear are we about shared control over our technologies?

HOW APPROPRIATE ARE THE TECHNOLOGIES WE MAKE?

To what extent do the technologies we make respond to local needs and assets?

To what extent does our research consider differences and inequalities in digital literacy?

Do we build and use as little technology as possible?

How clear are we about the appropriateness of our technologies?

WHAT SOCIAL IMPACT DO THE TECHNOLOGIES WE MAKE HAVE?

How strong are the relationships we build with community members?

How well are diverse and marginalised stakeholders involved in the making of technologies?

How well are well are their benefits distributed mutually among all stakeholders?

How clear are we about the social impact of our technologies?

HOW EASY IS IT TO LEARN THE TECHNOLOGIES WE MAKE?

How simple or complex are the technologies we make?

To what extent do we use off-the-shelf technologies?

Does our research include training and skill-building for the technologies we make?

How clear are we about the learnability of our technologies?

HOW ROBUST ARE THE TECHNOLOGIES WE MAKE?

How well do we manage expectations around the stability of our technologies?

How easy is it for communities to repair and maintain the technologies we make?

What resources and infrastructures are available to maintain and repair it?

How clear are we about the robustness of our technologies?