Dimension	Indicative techniques and approaches	Factors affecting implementation	RRI tools reflection questions
Anticipation	 Foresight Technology assessment Horizon scanning Scenarios Vision assessment 	 Engaging with existing imaginaries Participation rather than prediction Plausibility Scenario-building Scientific autonomy and reluctance to anticipate 	 Public engagement Ethics Governance
Reflexivity	 Multidisciplinary collaboration and training Embedded social scientist and ethicists Ethical technology assessment 	 Rethinking moral division of labour Enlarging or redefining role responsibilities Reflexive capacity among scientist and within institutions Connections made between research practice and governance 	 Public engagement Governance Ethics
Inclusion	 Consensus conferences Focus groups Deliberative mapping User-centered design Open innovation 	 Questionable legitimacy of deliberative exercises Need for clarity about, purposes of and motivation for dialogue Deliberation on framing assumptions Ability to consider power imbalances Quality of dialogue as a learning exercise 	 Public Engagement Science education Governance
Responsiveness	 Standards Open access and other mechanisms of transparency Niche 	 Strategic policies and technology "roadmaps" Science-policy culture Institutional 	- Open Access - Governance

management - Value-sensitive design	 structure Prevailing policy discourses Institutional cultures Openness and transparency Intellectual property Technological standards 	
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