

# CONTENTS

ABSTRACT.....	2
RESUMEN.....	3
RESUM .....	4
ACKNOWLEDGEMENTS .....	5
1. Introduction.....	9
1.1. Motivation .....	9
1.2. Aim, research questions and thesis structure.....	10
1.3. References .....	11
2. Expanding Epistemic Capability in Participatory Decision-Making Processes: The Universidad de Ibagué Capabilities List.....	13
2.1. Challenges of the University in Colombia.....	13
2.2. Education and epistemic capability.....	14
2.3. Capability lists in higher education settings.....	15
2.4. The Universidad de Ibagué.....	17
2.5. Building a capabilities list for UI .....	18
2.5.1. First phase (May–October 2019) .....	20
2.5.2. Second phase (November–December 2019).....	21
2.5.3. Third phase (January 2020–ongoing process) .....	24
2.6. Epistemic capabilities and epistemic (in)justice.....	24
2.7. Other expanded capabilities and conversion factors.....	26
2.8. Conclusion.....	26
2.9. Acknowledgements .....	27
2.10. References.....	27
3 Developing transformative innovation through policy experimentation in two Colombian Universities.....	29
3.1. Introduction. Re-thinking innovation.....	29
3.2. Transformative innovation.....	31
3.2.1. Socio-technical system change .....	31
3.2.2. Directionality is the starting point.....	31
3.2.3. Experimentation and development of alternative practices as a way of innovation .....	31
3.2.4. Inclusion as a prerequisite for transformative change.....	32
3.3. The institutional account for science, technology, and innovation of the Universidad Autónoma Latinoamericana .....	33
3.3.1. Context and characteristics of the Universidad Autónoma Latinoamericana.....	33
3.3.2. The construction of an institutional narrative.....	34

3.4. The participatory process of defining the central capabilities of the University of Ibagué.....	36
3.4.1. Context and characteristics of the Universidad de Ibagué.....	36
3.4.2. The participatory process to define capabilities for human development.....	37
3.5. Discussion.....	39
3.6. Conclusions.....	41
3.7. Acknowledgements.....	41
3.8. References.....	41
4 Exploring the Role of a Colombian University to Promote Just Transitions. An Analysis from the Human Development and the Regional Transition Pathways to Sustainability.....	44
4.1. Introduction.....	44
4.2. Analytical Approach.....	46
4.2.1. The Human Development: A Multi-Dimensional and Normative Approach to Development.....	46
4.2.2. The Capability Approach: Freedoms, Opportunities and Agency.....	48
4.2.3. Human Development, Capability Approach and University.....	48
4.2.4. Regional Transition Paths to Sustainability (RTPS) and Universities.....	48
4.2.5. Role of Universities in RTPS.....	49
4.3. The Universidad de Ibagué and its Two Processes: A Capabilities List as a Collective Actionable University Vision and the Peace and Region Program.....	50
4.3.1. The Aspirational Capabilities List for the UI.....	52
4.3.2. The Peace and Region Programme of the UI.....	53
4.4. Methodology.....	54
4.4.1. The Capabilities List Methodology.....	54
4.4.2. The Peace and Region Programme Methodology.....	55
4.4.3. Data Analysis for the Current Study.....	56
4.5. Discussion.....	57
4.5.1. The UI's Capabilities List.....	58
4.5.2. Peace and Region Program.....	60
4.5.3. A Spatial Analysis.....	61
4.5.4. Is the UI Contributing to Just Transitions?.....	62
4.6. Conclusions.....	63
4.7. References.....	64
5 The role of transformative innovation for SDGs localisation. Insights from the South-African "Living Catchment Project".....	68
5.1. Introduction.....	68
5.2. Transformative Innovation Policy and SDGs.....	69
5.3. Adding a capability layer to transformative innovation policy.....	70
5.3.1. The 'Living Catchments Project'.....	71
5.4. Policy recommendations.....	73

5.5. Acknowledgements .....	74
5.6. References .....	74
6 Discussion .....	76
6.1. How can universities' knowledge production enhance human development within their academic community and the broader communities and territories they engage with? .....	76
6.2. What roles can universities play in fostering just transitions that effectively address social challenges? .....	78
6.3. References .....	79
7 Conclusions .....	81
7.1. Academic contributions .....	82
7.2. Empirical contributions.....	83
7.3. Further Research .....	84
7.4. References .....	85