

Table of Contents

CHAPTER 1 INTRODUCTION	10
1.1. RESEARCH BACKGROUND	10
1.2. RENEWABLE ENERGY POLICY AND PLANNING IN INDONESIA	13
1.3. RESEARCH QUESTION	18
1.4. RESEARCH GOALS	19
1.5. RESEARCH BENEFITS	19
1.6. RESEARCH GAP	19
1.7. RESEARCH STRUCTURE	20
CHAPTER 2 LITERATURE REVIEW.....	21
2.1. CONCEPT OF RENEWABLE ENERGY	21
2.2.1. <i>Contextual Interaction Theory</i>	26
2.2.2. <i>Advocacy Coalition Framework</i>	29
2.3. THEORETICAL FRAMEWORK	32
CHAPTER 3 RESEARCH METHOD	34
3.1. JUSTIFICATION FOR RESEARCH METHOD	34
3.2. JUSTIFICATION FOR CASE STUDY	35
3.3. DATA COLLECTION	36
CHAPTER 4 CASE DESCRIPTION	37
4.1. RENEWABLE ENERGY TYPE IN SUMBA ISLAND.....	39
4.1.1. <i>Solar Energy</i>	39
4.1.2. <i>Micro-Hydro Energy</i>	42
4.1.3. <i>Wind Energy</i>	44
4.1.4. <i>Bio-Energy</i>	45
4.2. STAKEHOLDERS IN SUMBA ICONIC ISLAND.....	47
4.3. POLICY TOOLS IN IMPLEMENTING SUMBA ICONIC ISLAND.....	49
4.3.1. <i>Renewable Energy Development Grant Program by the Government</i>	49
4.3.2. <i>Renewable Energy Development Grant Program by Foreign Donors</i>	50
4.3.3. <i>PT. PLN (Persero) Program</i>	50
4.3.4. <i>Independent Power Producer (IPP) Program</i>	51
4.3.5. <i>Village Program</i>	51
4.3.6. <i>Self-Help Program</i>	52
CHAPTER 5 RENEWABLE ENERGY IMPLEMENTATION	53
5.1. POLICY REVIEW OF SUMBA ICONIC ISLAND.....	53
5.1.1. <i>Micro-Hydro Energy Implementation</i>	57
5.1.2. <i>Wind Energy Implementation</i>	59
5.1.3. <i>Solar PV Energy Implementation</i>	61
5.1.4. <i>Bio-Energy Implementation</i>	64
5.2. CONCLUSION.....	67
CHAPTER 6 STAKEHOLDERS INTERACTION IN SUMBA ICONIC ISLAND	68



6.1. INTERACTION AMONG ACTORS IN SUMBA ICONIC ISLAND.....	68
6.2. CONTEXTUAL INTERACTION THEORY IN SUMBA ICONIC ISLAND.....	72
6.2.1. <i>Motivation</i>	73
6.2.1.1. Motivation of government	73
6.2.1.2. Motivation of non-governmental organizations	75
6.2.1.3. Motivation of local communities	78
6.2.2. <i>Cognition</i>	80
6.2.2.1. Information of government	80
6.2.2.2. Information of non-governmental organizations	83
6.2.2.3. Information of local communities	85
6.2.3. <i>Power of Interaction</i>	88
6.2.3.1. Power of government.....	88
6.2.3.2. Power of non-government organizations.....	91
6.2.3.3. Power of local communities	94
CHAPTER 7 CONCLUSION AND RECOMMENDATION	97
7.1. CONCLUSION.....	97
7.2. RECOMMENDATIONS FOR THE IMPLEMENTATION OF SUMBA ICONIC ISLAND	99
7.3. LIMITATIONS OF STUDY.....	100
7.4. RECOMMENDATION	101
BIBLIOGRAPHY.....	102
ANNEX.....	107