

The background of the entire page is a light gray gradient. Scattered across this background are numerous water droplets of various sizes and shapes. Some are large and prominent, while others are small and subtle. The droplets have a realistic appearance with highlights and shadows, giving them a three-dimensional effect. They are distributed across the top, bottom, and sides of the page, framing the central text.

ISSUE A4

SPATIAL ACCOUNTING

AUTHORS: PETER MEADOWS, MANDY DRIVER

SUMMARY OF ISSUES

- SEEA CF NEEDS SOME CHANGES FOR SPATIALLY EXPLICIT ACCOUNTING
 - DEFINITIONS
 - APPROACHES
 - USE OF STANDARDS
 - CONNECTIONS
 - ECOSYSTEM ACCOUNTS
 - DISASTER RISK MANAGEMENT
 - GLOBAL COMMONS

KEY RECOMMENDATIONS

1

Change wording in Chapter 2

- New Section

2

Add definitions to a glossary

- **Environmental Accounting Area**

3

Clarify wording in other sections

- Application to some/all accounts (see table)
- Redefine global commons using SEEA 2003 terms

4

New section/table in chapter 6 for connections through spatial accounts

5

Create a technical note on spatial accounting

- Or adapt the unfinished land technical note.

COMMENTS *TTA *TC

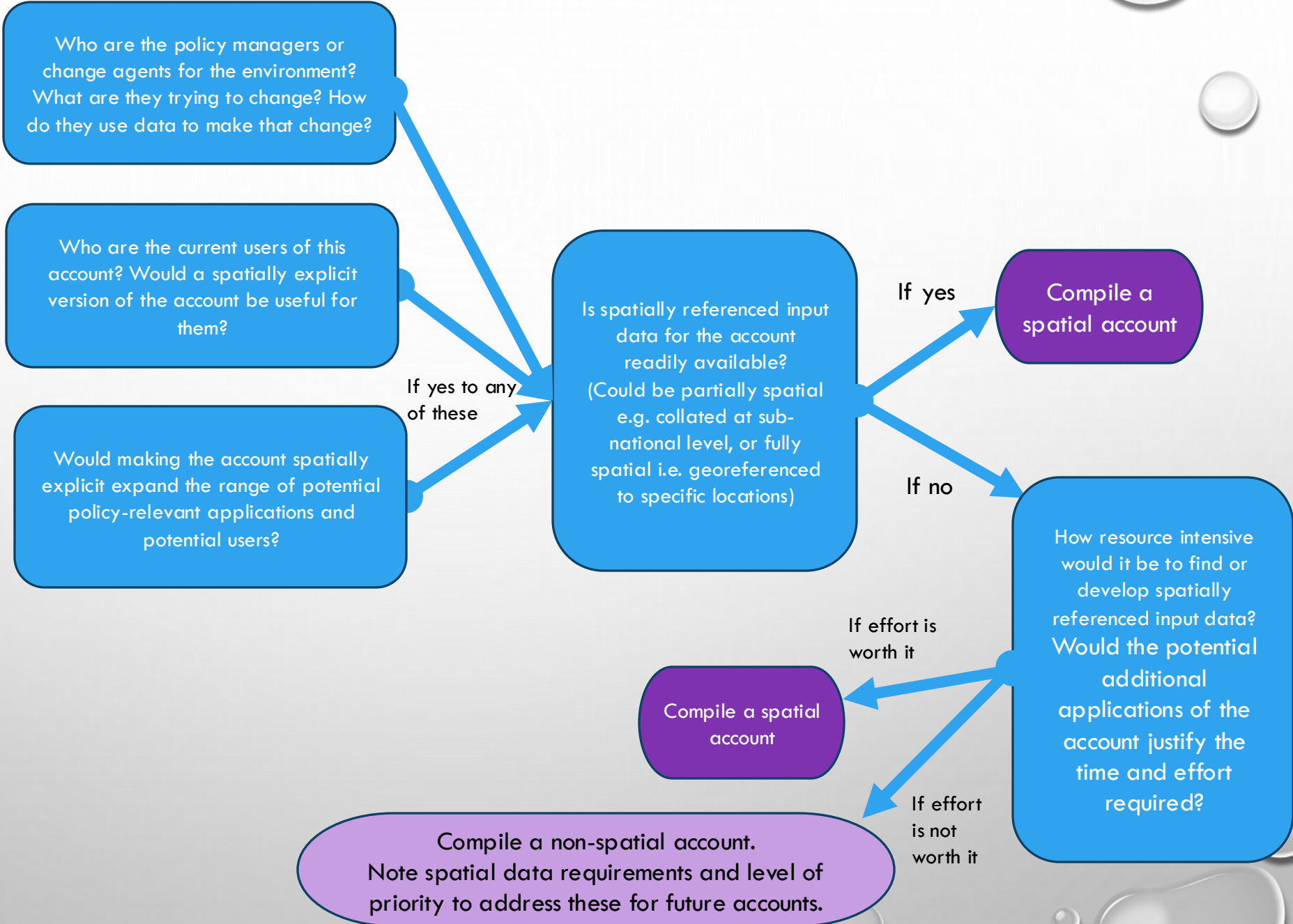
Agreed with issues
and broadly with
proposals

Suggested the use
of fully and
partially spatial
accounts

Editorial and
suggestions on
wording, how to
define boundaries

GAP: DECISION TREES

- HOW DO WE DECIDE ON A SPATIAL ACCOUNTING APPROACH?
 - DECISION TREE
 - LOGIC CHAIN



GAP: EXAMPLES OF SPATIAL ACCOUNTS

- THERE ARE LOTS FROM AUSTRALIA
- ANY OTHER COUNTRIES?
- BOTTOM UP APPROACHES (REGISTRIES, GRID DATA FOR NATURAL RESOURCES, DETAILED COLLECTIONS, ETC)
- TOP DOWN APPROACHES (SPATIAL DISTRIBUTIONS AND ALLOCATIONS TO REGIONS BASED ON OTHER VARIABLES, PRINCIPLE COMPONENTS ANALYSIS, ETC)
- POLICY USES AND APPLICATION (HOW YOU MADE THE DECISION)

QUESTIONS

1. WHAT IS THE GENERAL CONSENSUS TO DESCRIBE SPATIAL ACCOUNTING FOR SEEA USING THE TERMS:

FULLY SPATIAL ACCOUNTS

PARTIALLY SPATIAL ACCOUNTS

2. SHOULD WE MODIFY EACH OF THE ACCOUNTS WITH UPDATES TO CONSISTENT TERMINOLOGY ON SPATIAL ACCOUNTING WITH MINOR CHANGES TO CHAPTER 2 OR DO WE DEVELOP A SECTION IN CHAPTER 2 ON SPATIAL ACCOUNTING?

3. DO WE INTRODUCE THE CONCEPT OF A SEEA CF BASIC SPATIAL UNIT AND AN ENVIRONMENTAL ACCOUNTING AREA?

QUESTIONS (2)

4. ONE KNOWN GAP IS THE DECISION MAKING PROCESS FOR CHOOSING SPATIAL ACCOUNTS, DO WE HAVE EITHER AS AN ATTACHMENT OR A PICTURE IN CHAPTER 6 ON THE DECISION PROCESS VIA A DECISION TREE (SEE PRESENTATION) OR SOMETHING THAT LOOKS LIKE THE LOGIC CHAIN IN ECOSYSTEM ACCOUNTS.

5. IS THERE CONSENSUS ON RECOMMENDING A TECHNICAL NOTE FOR SPATIAL ACCOUNTING, WITH THE OPTION OF CHANGING THE DIRECTION OF THE TECHNICAL NOTE FOR LAND ACCOUNTS TO BETTER REFLECT SPATIAL ACCOUNTS? WHAT ARE SOME OF THE PROBLEMS WE SHOULD MENTION IF RECOMMENDING THIS OPTION TO DISCUSS IN THE GN?

6. (EDITORIAL QUESTION) SHOULD WE CONSOLIDATE ISSUES A4.4 (ROLES OF TABULAR AND MAPPING CONCEPTS), A4.6 (DISCUSSING THE DIFFERENT REPRESENTATIONS OF SPATIAL DATA) AND A4.8 (ESTABLISHING THE RELATIONSHIP BETWEEN BOTTOM UP AND TOP DOWN) INTO ONE ISSUE CALLED:

DESIGN AND MODELLING OF SPATIAL ACCOUNTS FOR SEEA CF

7. ANY EXAMPLES WE CAN USE IN THE GUIDANCE NOTE FOR REPRESENTATION, MODELLING, COMPILATION, DECISION TO USE A SPATIAL ACCOUNTING APPROACH.

Issue	#	Brief	Promote to recommendation?
A4.1	Option 1	New section in chapter 2	
	Option 2	Fix current wording in chapter 2	
A4.2	Option 1	All sub-national account references to be spatial accounting	
	Option 2	Use the term 'geographical' for sub-national accounts	
	Option 3	Detailed spatial typology and glossary for EEA	
A4.3	Option 1	Adopt EA approaches, define Environmental Accounting Area	
	Option 2	Create Spatial accounting technical note with EA links	
A4.4	Option 1	Defined fully spatial accounts and partially spatially accounts	
	Option 2	Include table on which EEA are suitable for spatial accounting	
A4.5	Option 1	Use the term 'extranational' for all global commons	
	Option 2a	Relabel current treatment as global commons	
	Option 2b	Bring back SEEA 2003 definition in chapter 2	
A4.6	Option 1	Additional wording for new section in chapter 2	
	Option 2	Include a detailed annex to chapter 2 on work needed for each account	
	Option 3	Include detail in a technical note for spatial accounting	
A4.7	Option 1	New text for a new section in chapter 2	
	Option 2	Elaborate links to disaster risk management and others in a technical note	
	Option 3	Table in chapter 6 linking SEEA to disaster risk management and others	
A4.8	Option 1	New text for a new section in chapter 2	
	Option 2	Create Spatial accounting technical note with more detail on approaches	