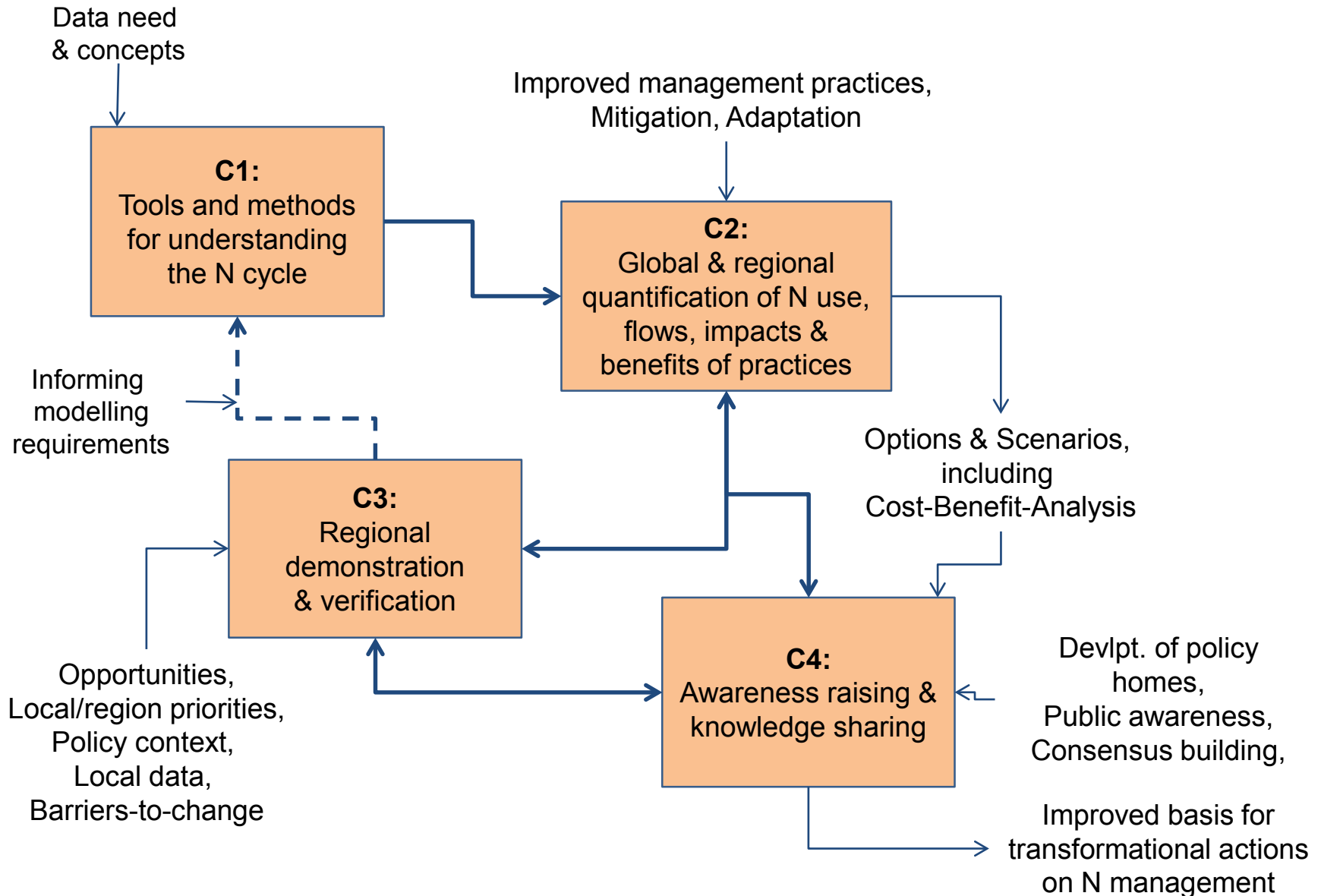
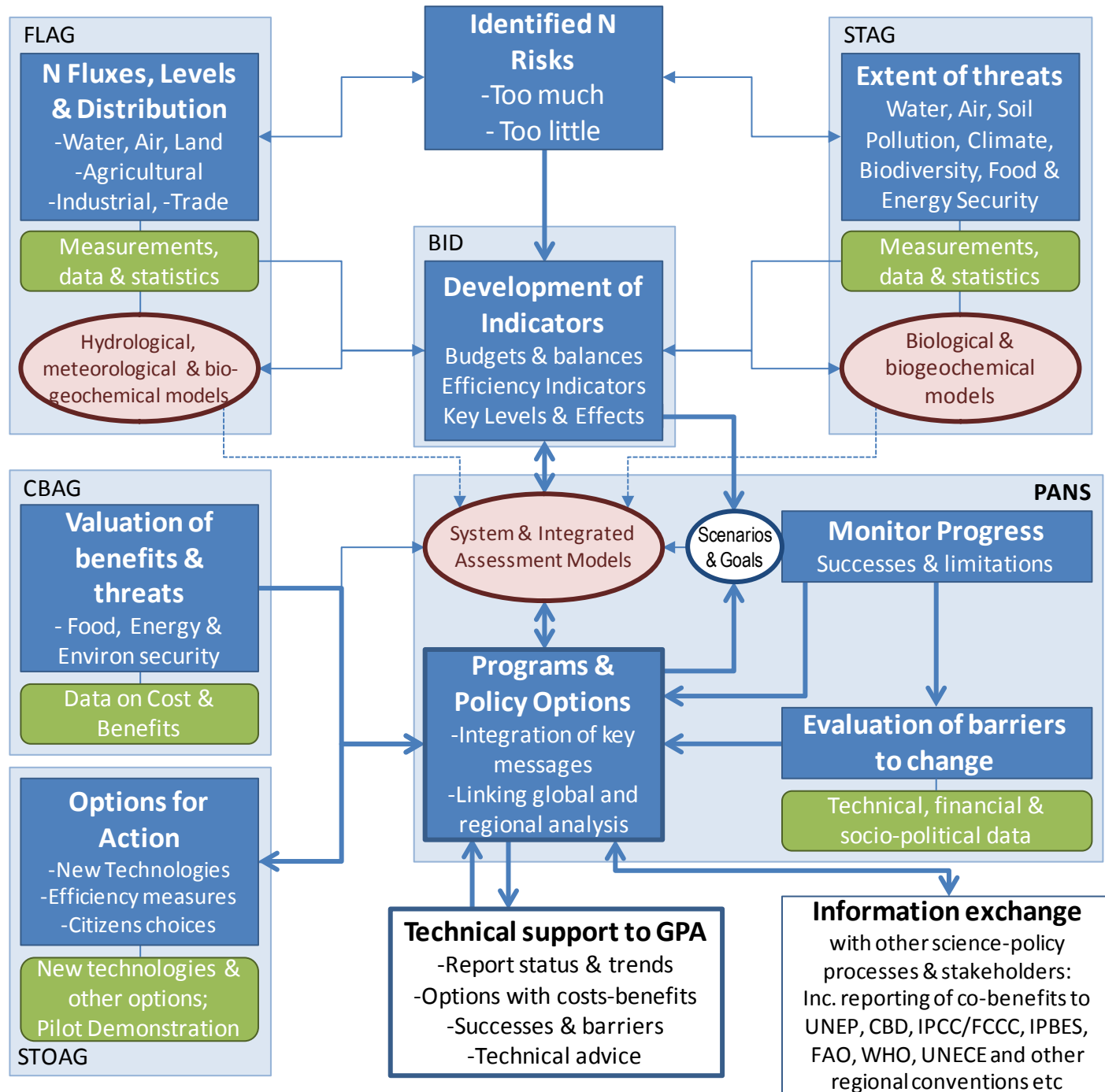


GEF/UNEP project towards the International Nitrogen Management System ('Towards INMS')



Toward the International Nitrogen Management System (INMS)

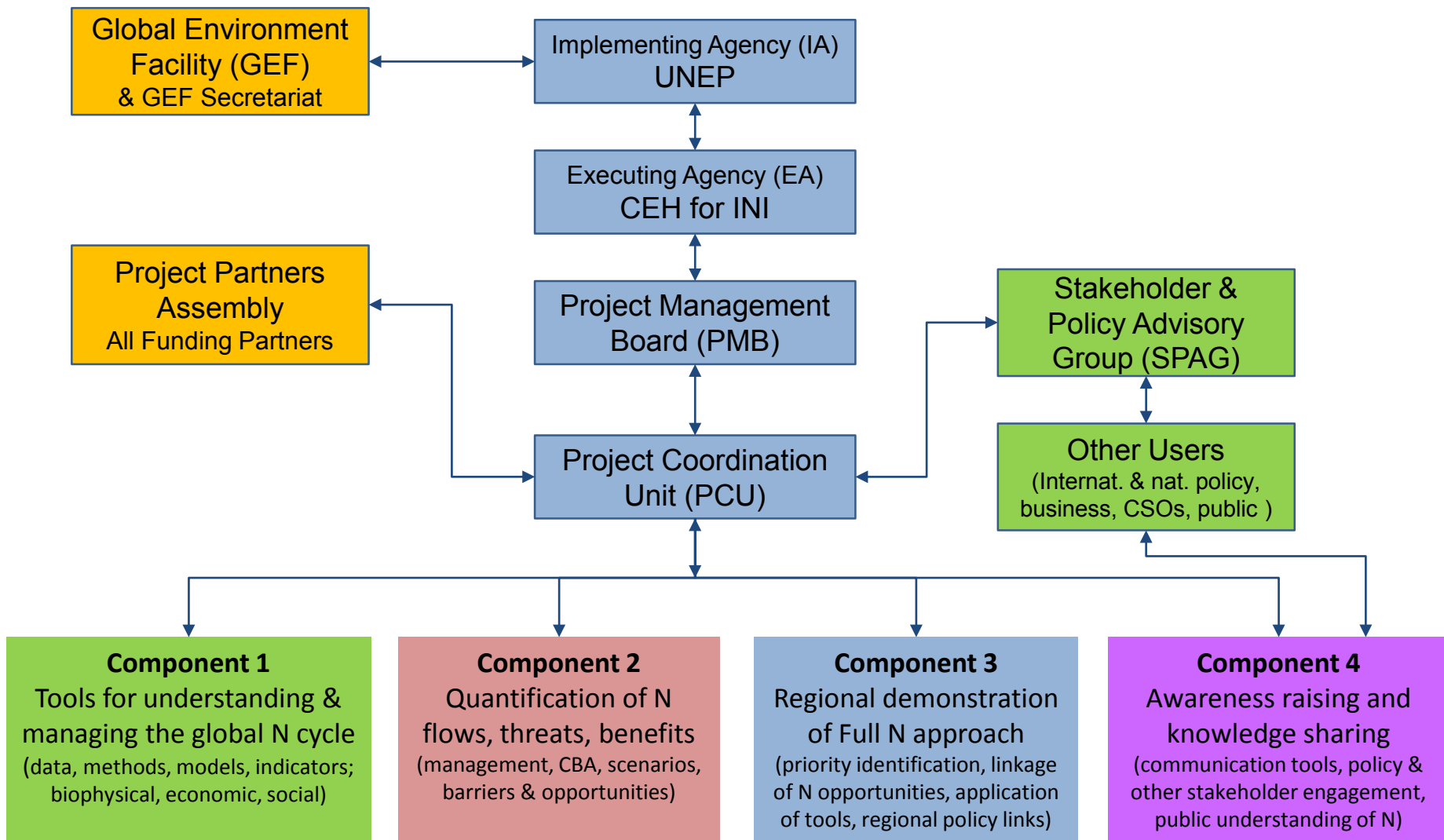


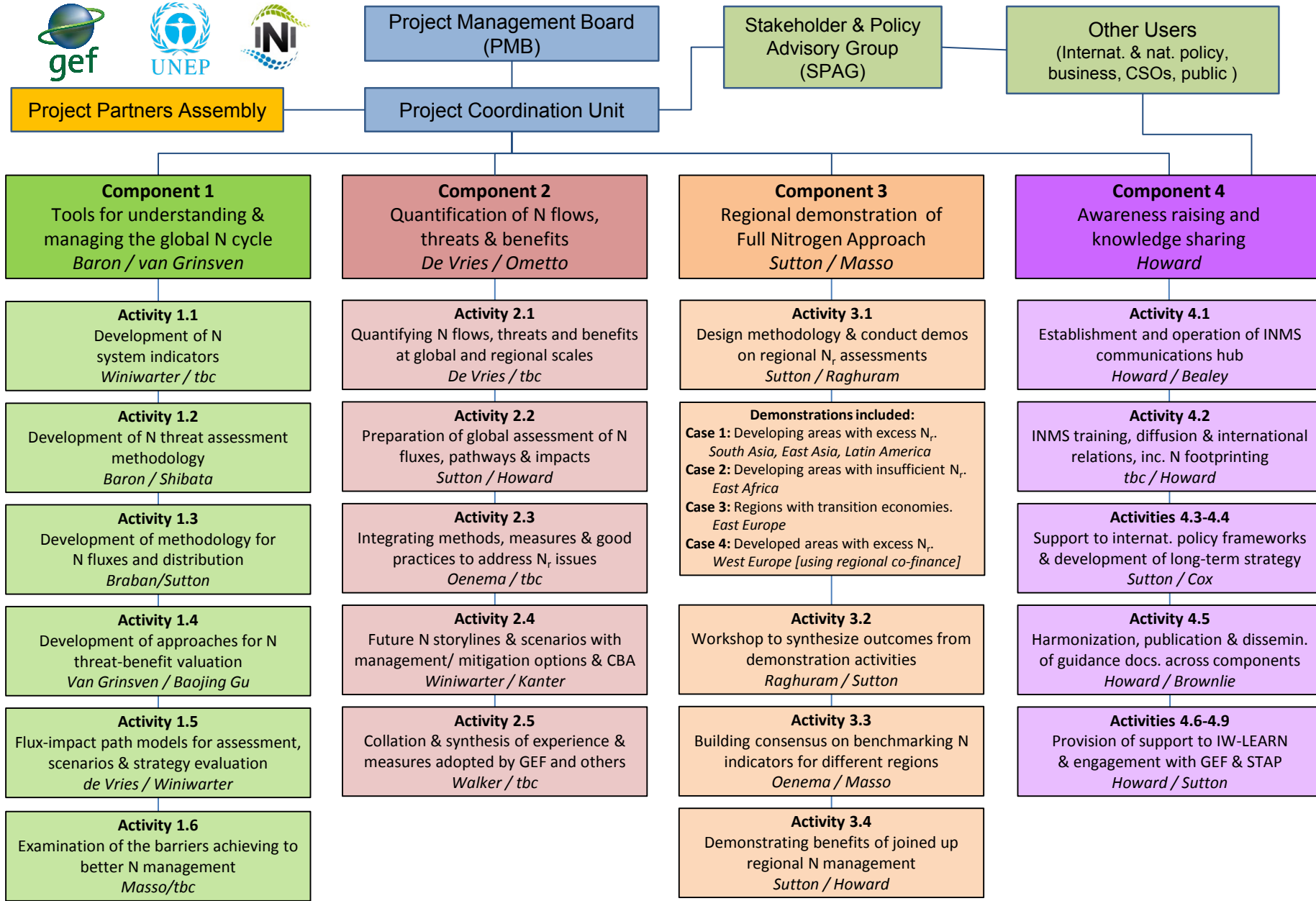
GPA:

Global Programme of Action for the Protection of the Marine Environment from Land-based Activities

Funders

Users

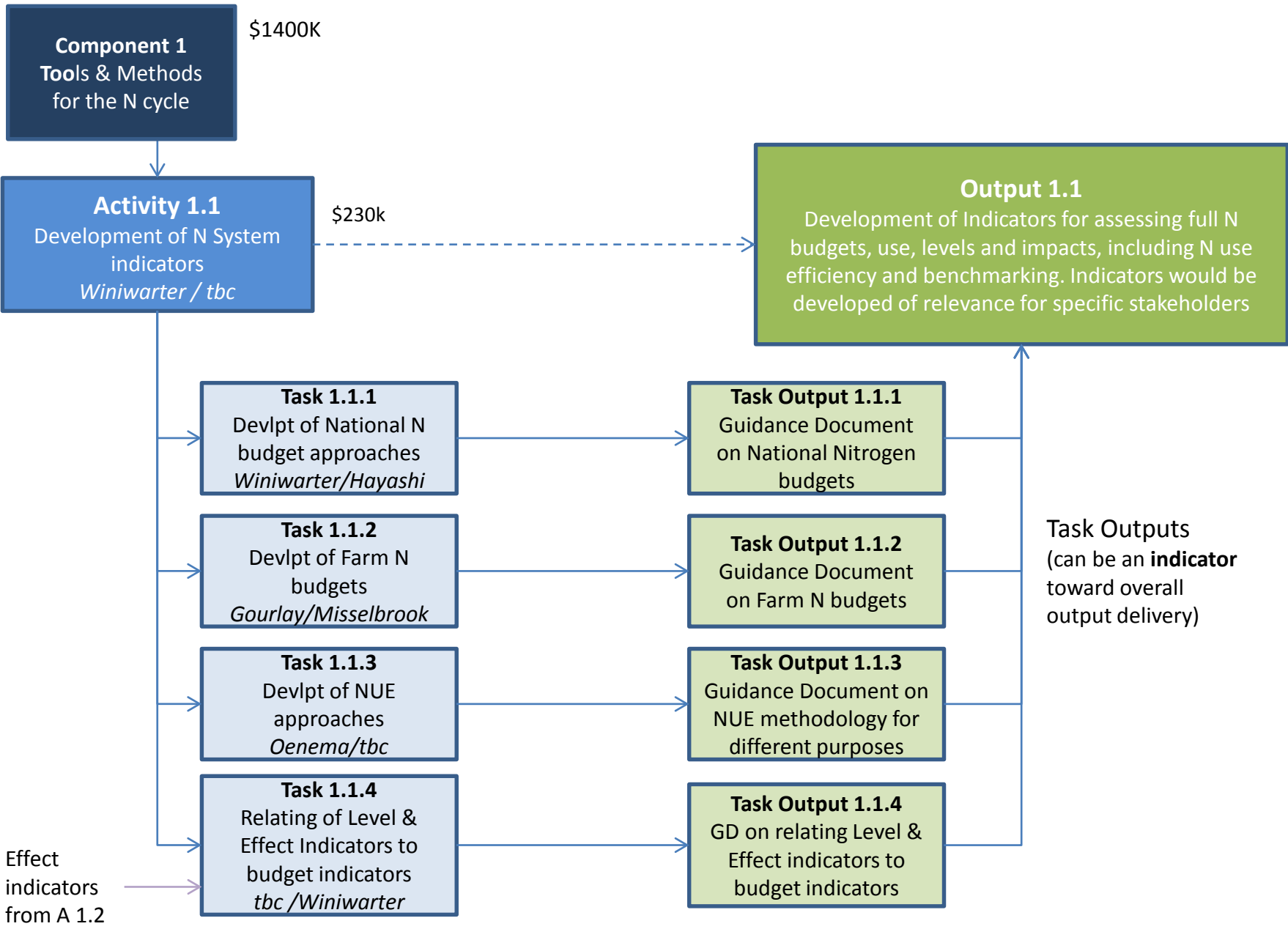




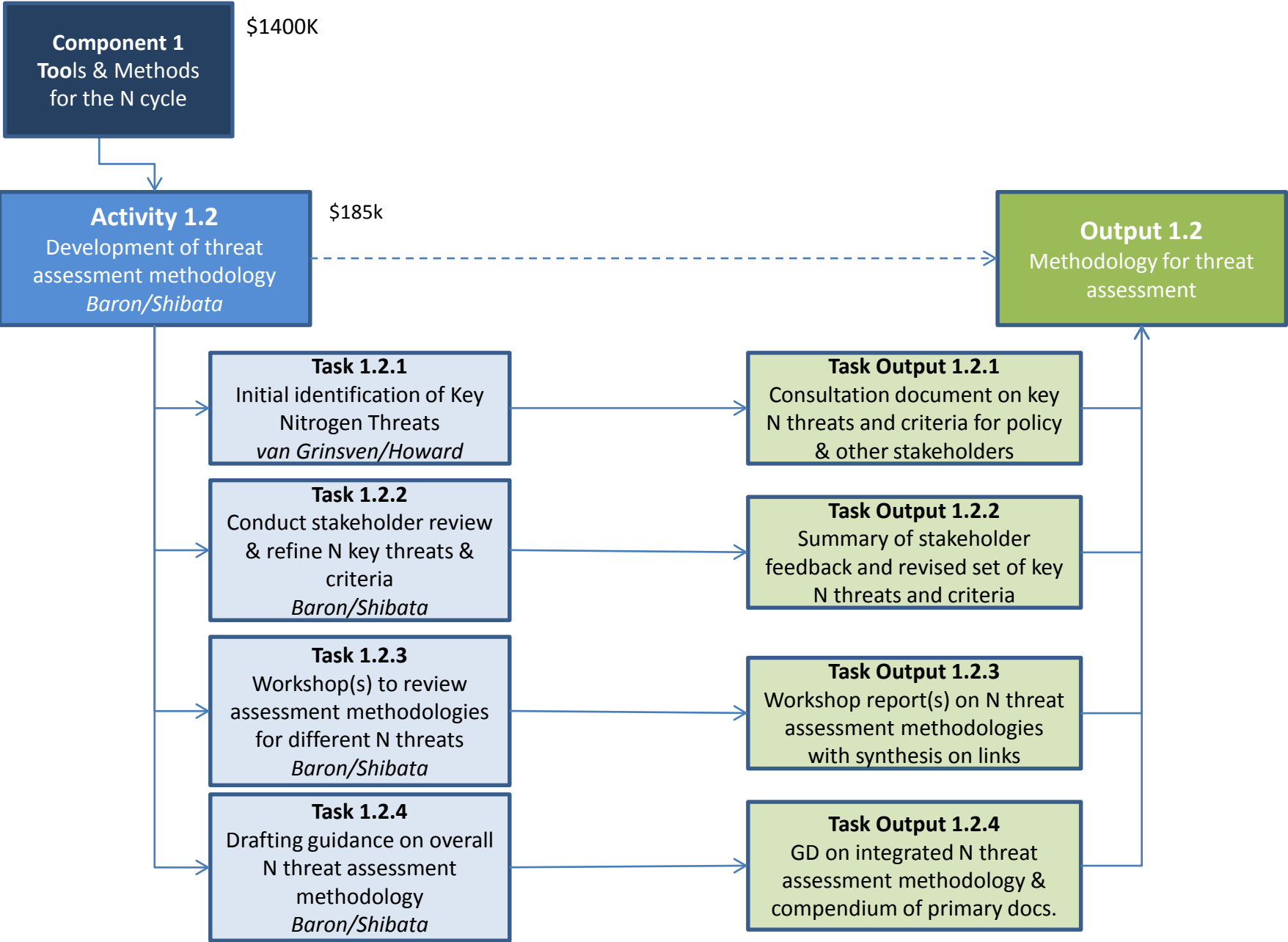
Component 1:

Tools and Methods for the N cycle

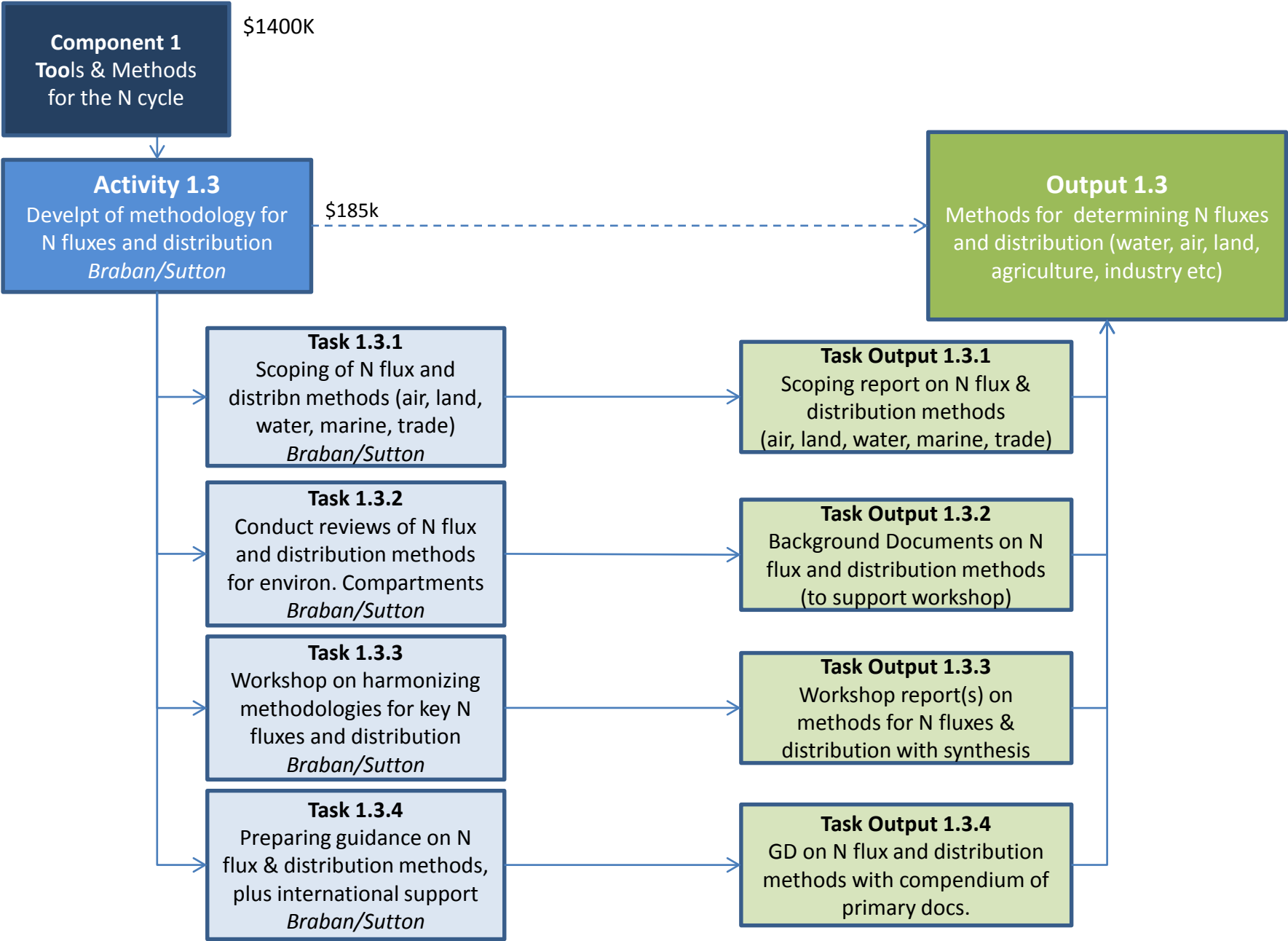
Activity 1.1



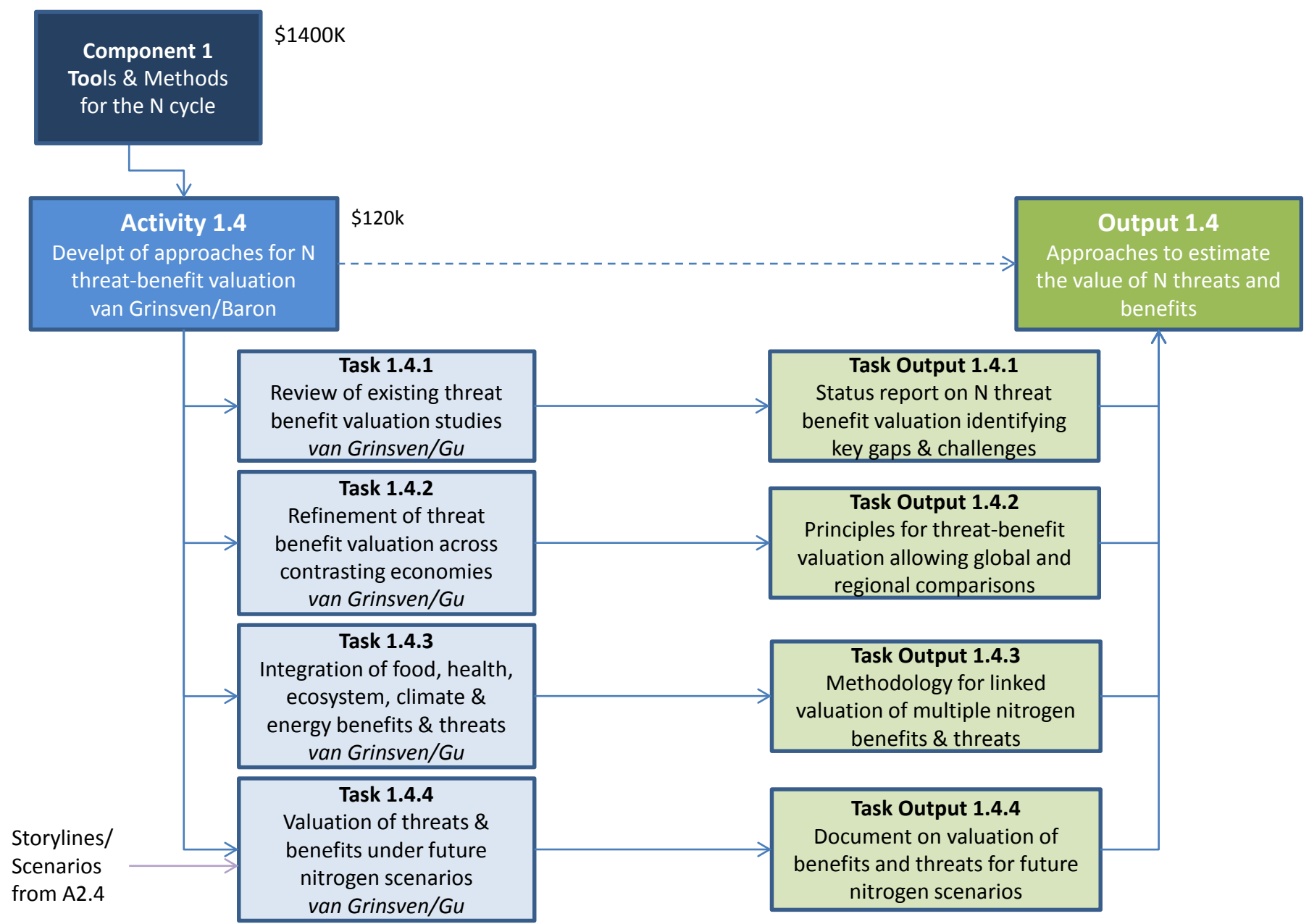
Activity 1.2



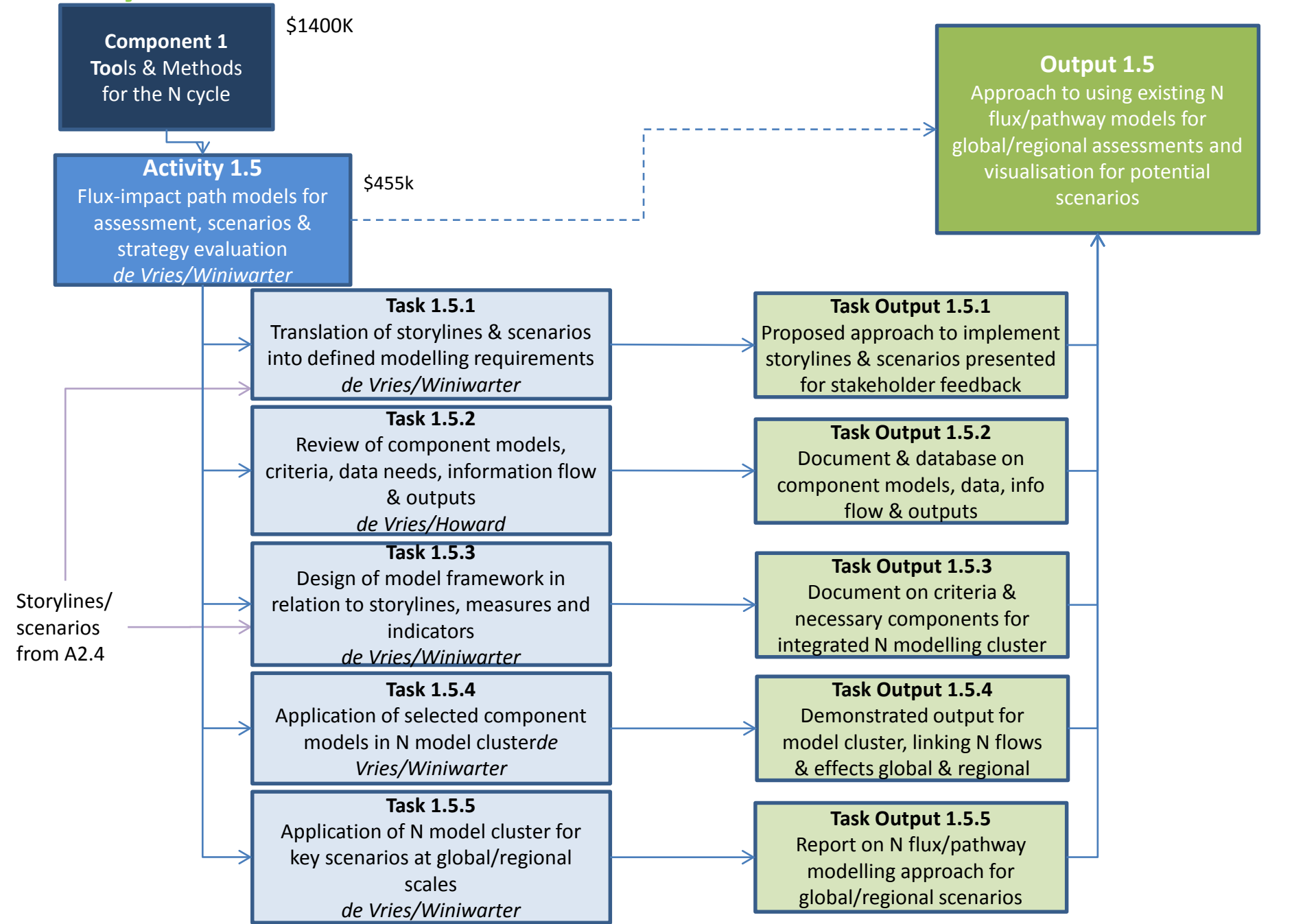
Activity 1.3



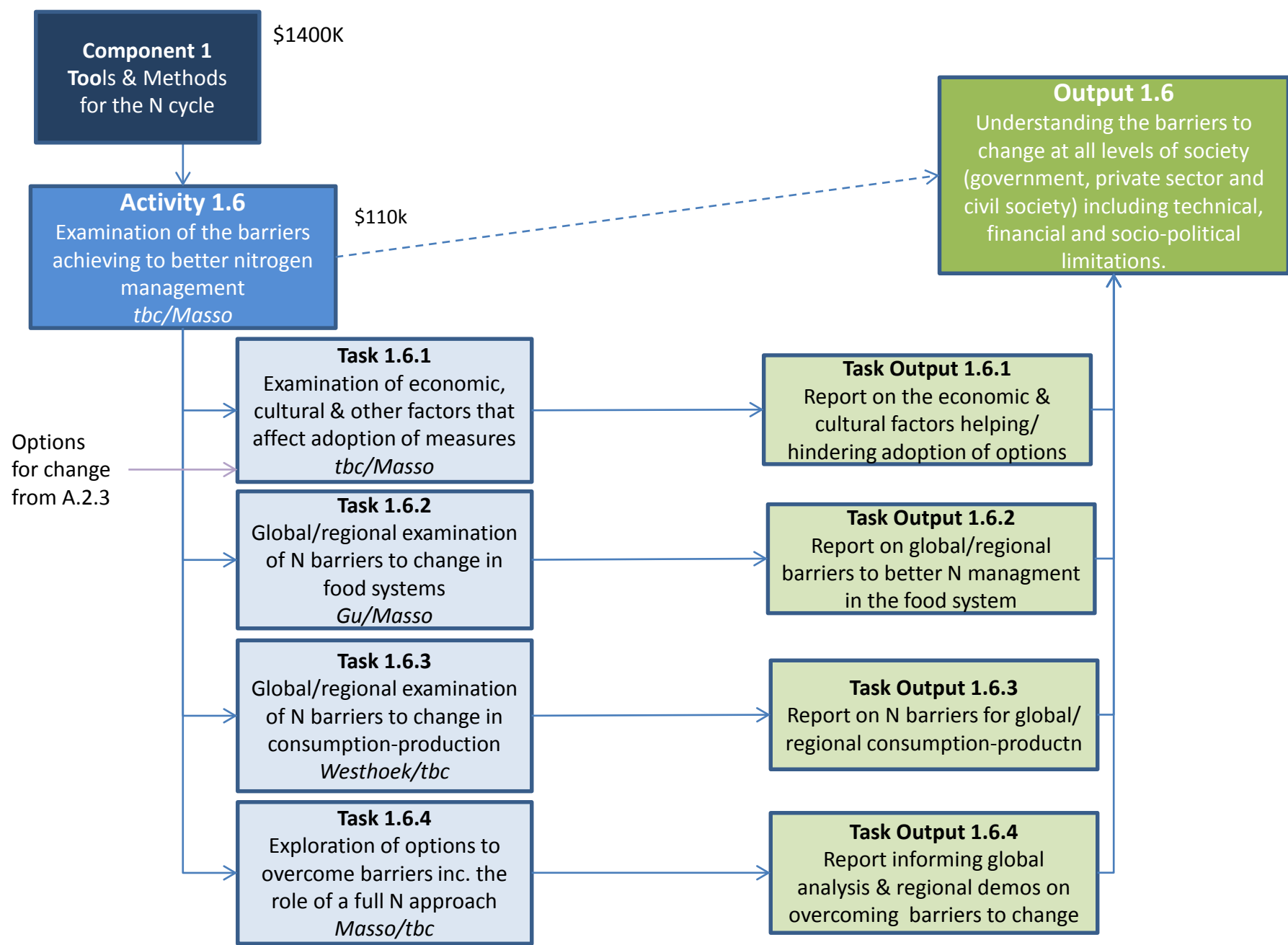
Activity 1.4



Activity 1.5



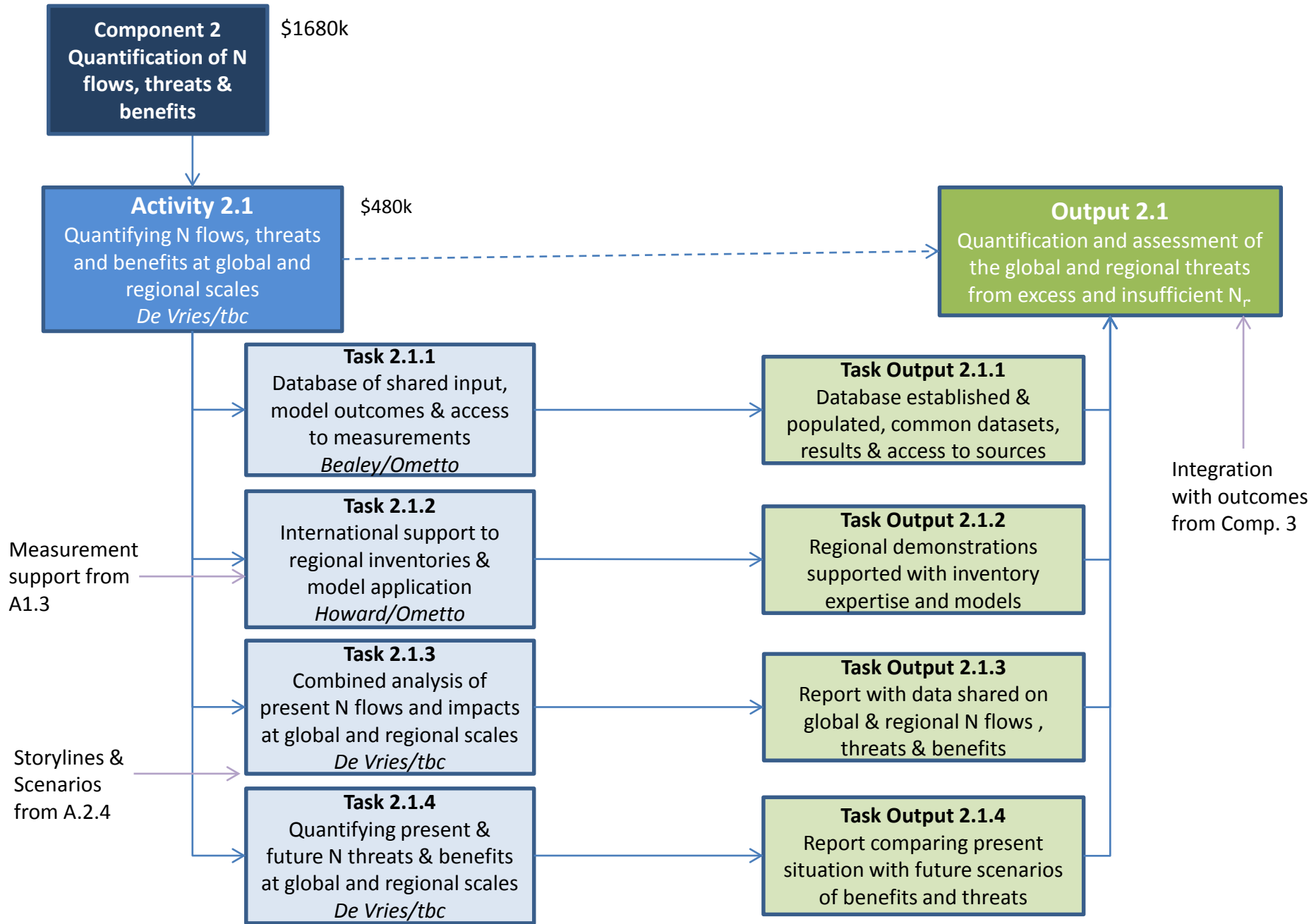
Activity 1.6



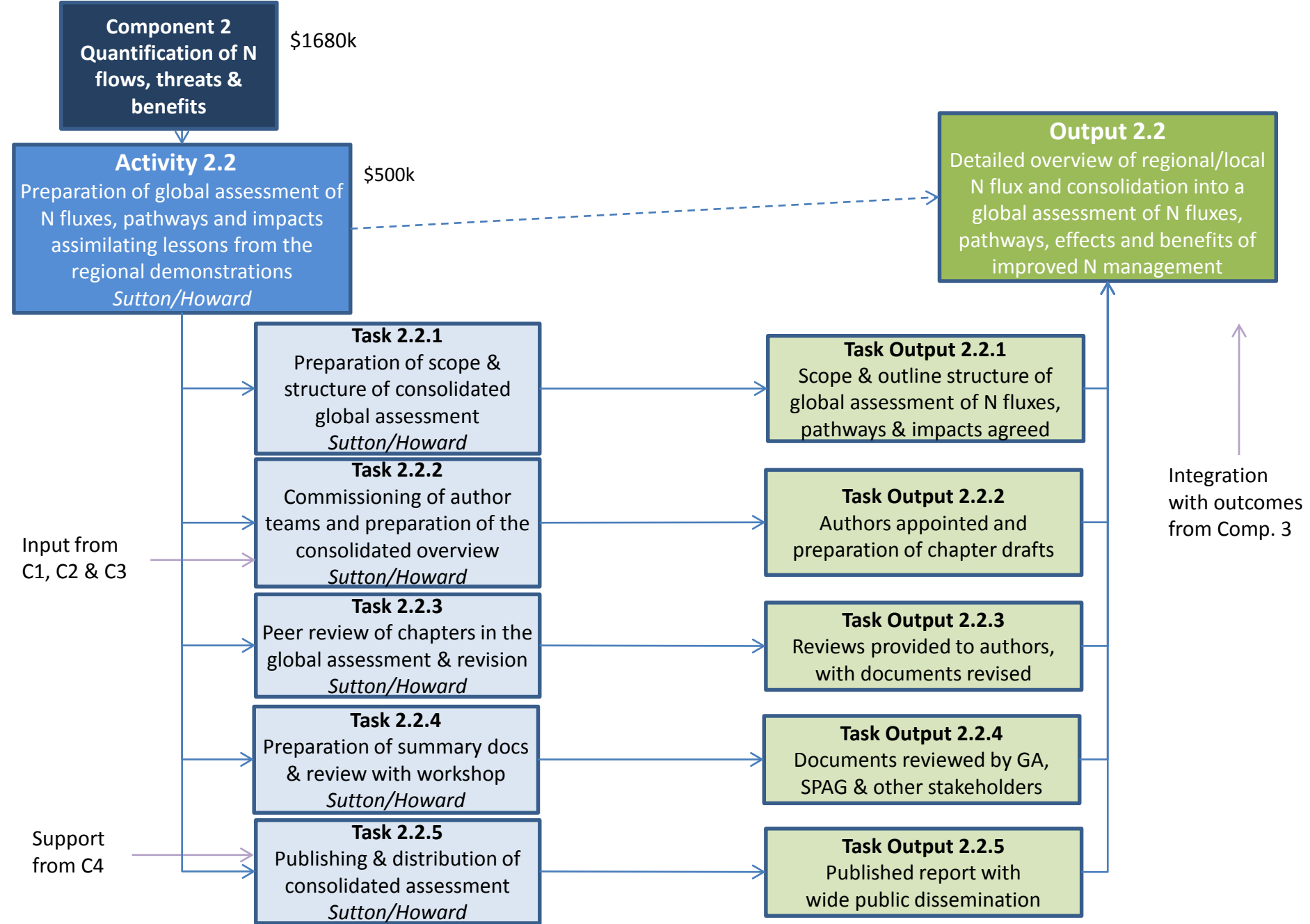
Component 2:

Quantification of N flows,
threats & benefits

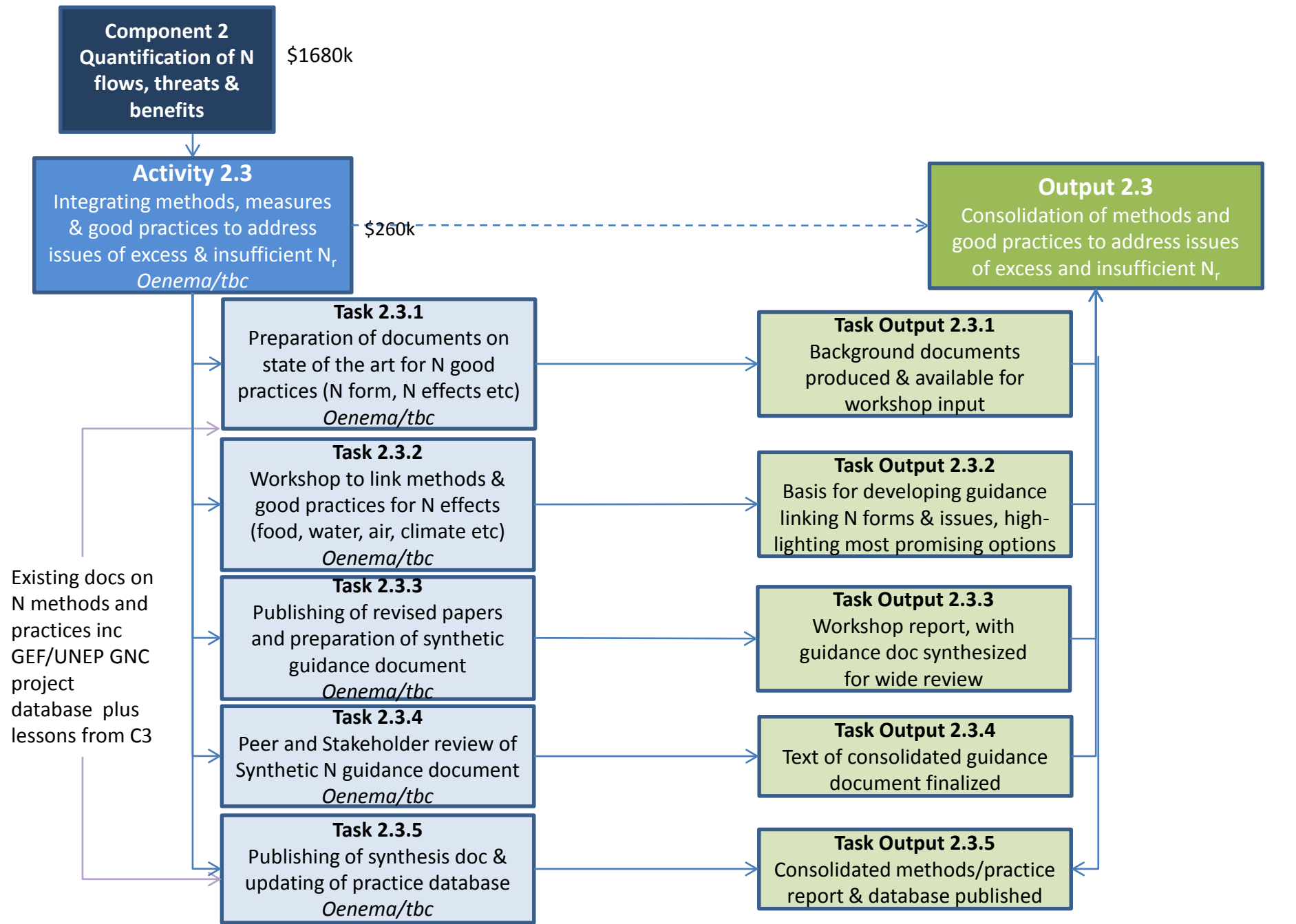
Activity 2.1



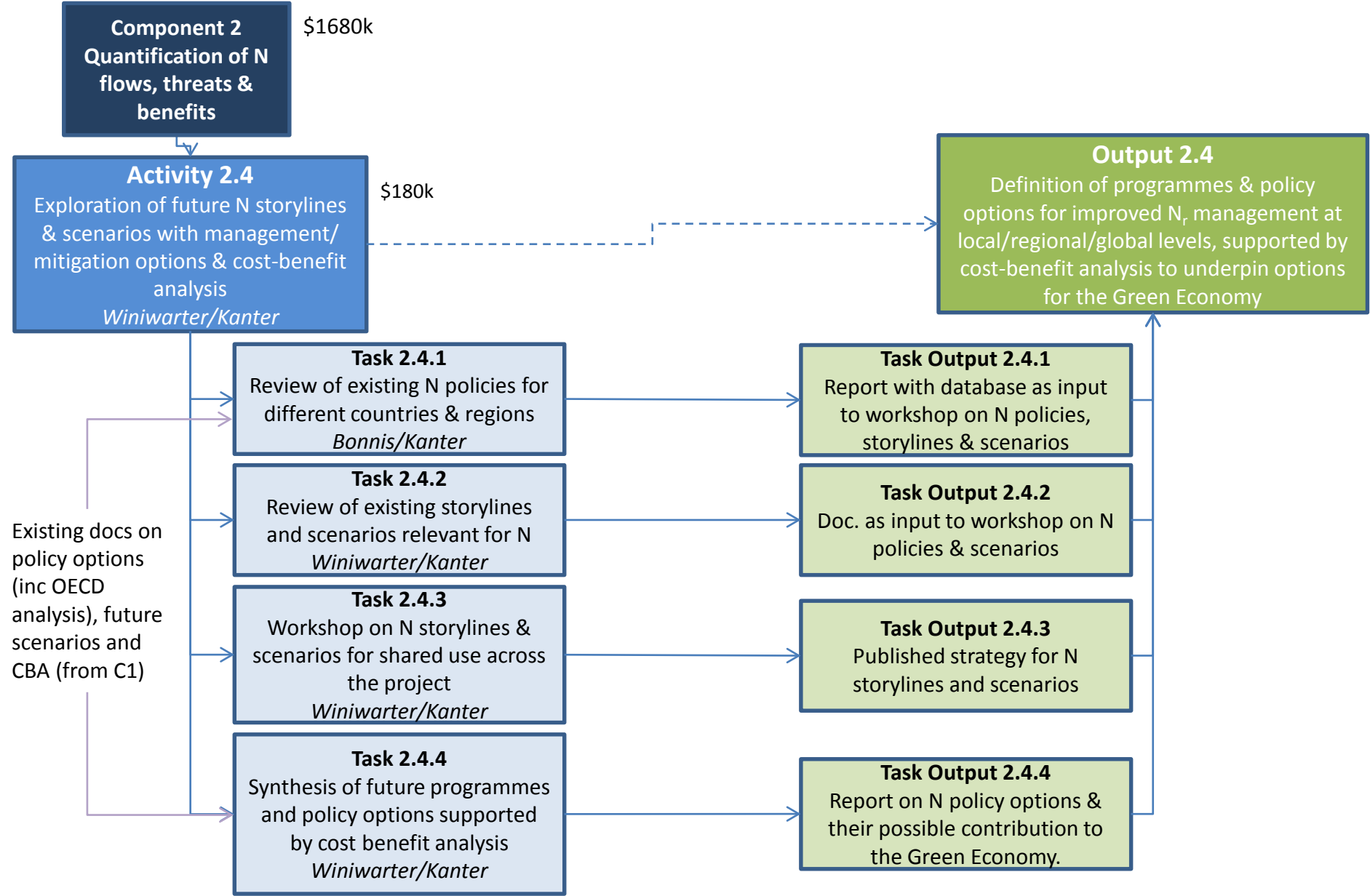
Activity 2.2



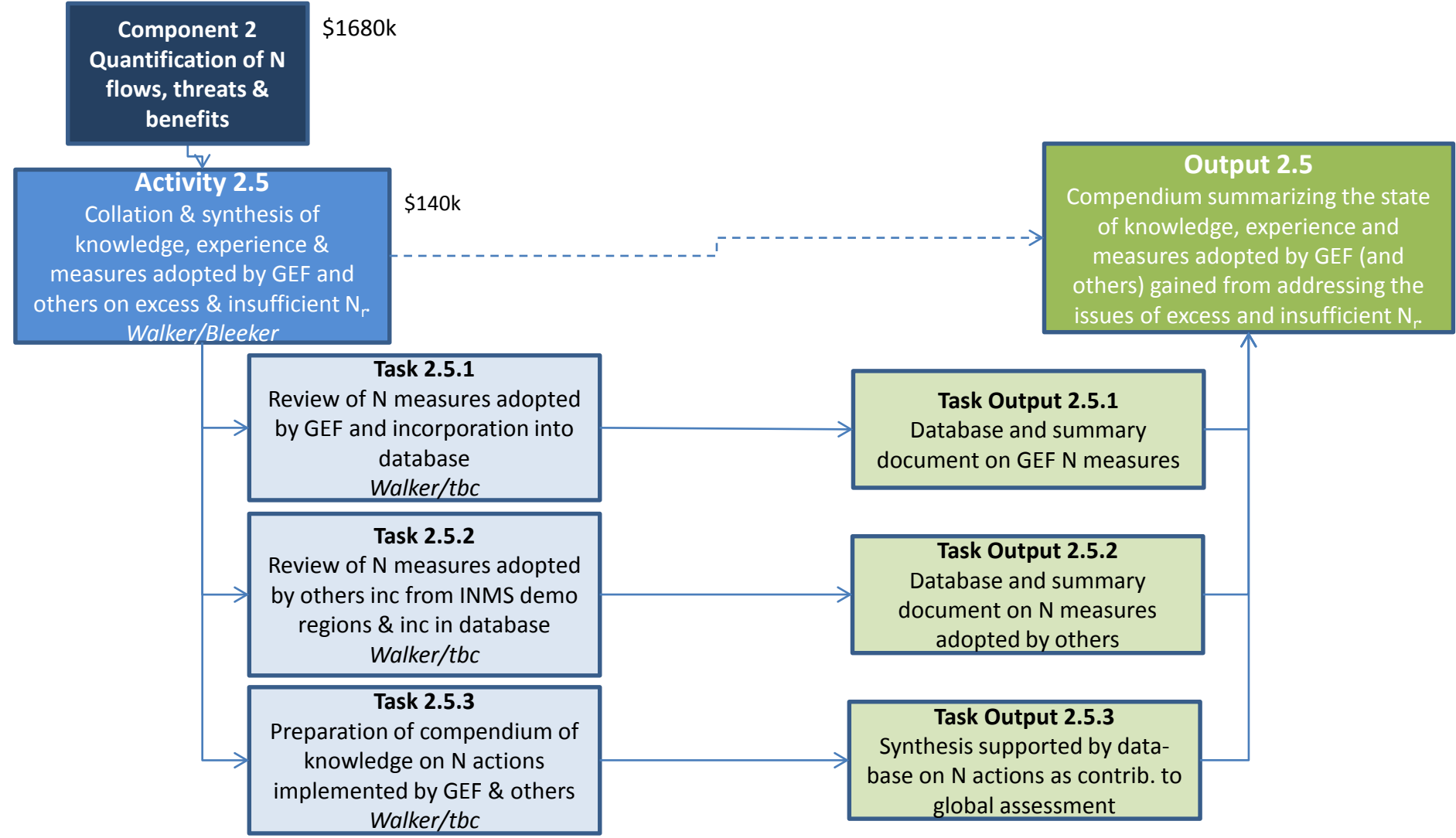
Activity 2.3



Activity 2.4



Activity 2.5



Component 3:

Regional Demonstrations

Activity 3.1

**Component 3
Regional
Demonstrations**

\$1650k

As case 4 is does not receive core GEF funds A3.1 represents 5 x \$270k for each demo region

Output 3.1
Four demonstration cases deliver conclusions refining approaches to regional assessments and improving understanding of regional N cycle :
Case 1: Developing areas with excess N_r
(South Asia, East Asia, Latin America)
Case 2: Developing areas with insufficient N_r
(East Africa)
Case 3: Regions with transition economies.
(East Europe)
Case 4: Developed areas with excess N_r
(West Europe) [by regional co-finance]

Activity 3.1
Design common methodology & conduct regional demos to refine regional N_r assessments and improve understanding of regional N cycle.
Sutton/Raghuram

\$1350k

No specific task leaders, instead leads by region

Tasks 3.1.1 & 3.1.2
Examination of N flows by source sector & loss pathway; inc improving access to data

Task Outputs 3.1.1 & 3.1.2
Main N flows quantified by source sector & pathway; better data access & understanding

Task 3.1.3
Identifying & quantifying major uncertainties and means to improve

Task Output 3.1.3
Quantification of major N source sectors with estimated uncertainties

Tasks 3.1.4 & 3.1.5
Identifying & agreeing key threat/benefit priorities with policy stakeholders, supported by CBA

Task Outputs 3.1.4 & 3.1.5
Key N benefits/threats quantified & regional priorities identified with policymakers & others

Task 3.1.6
Description in relation to N performance indicators, in co-operation with global analysis

Task Output 3.1.6
Basis to compare regions in relation to agreed performance indicators

Task 3.1.7
Review of available options for mitigation/better N management, co-benefits/trade-offs

Task Output 3.1.7
Document on N mitign/mangnt options identifying win-wins & regional priority list of options

Task 3.1.8
Profiling success stories, barriers to change, and demonstration of N joined up approach

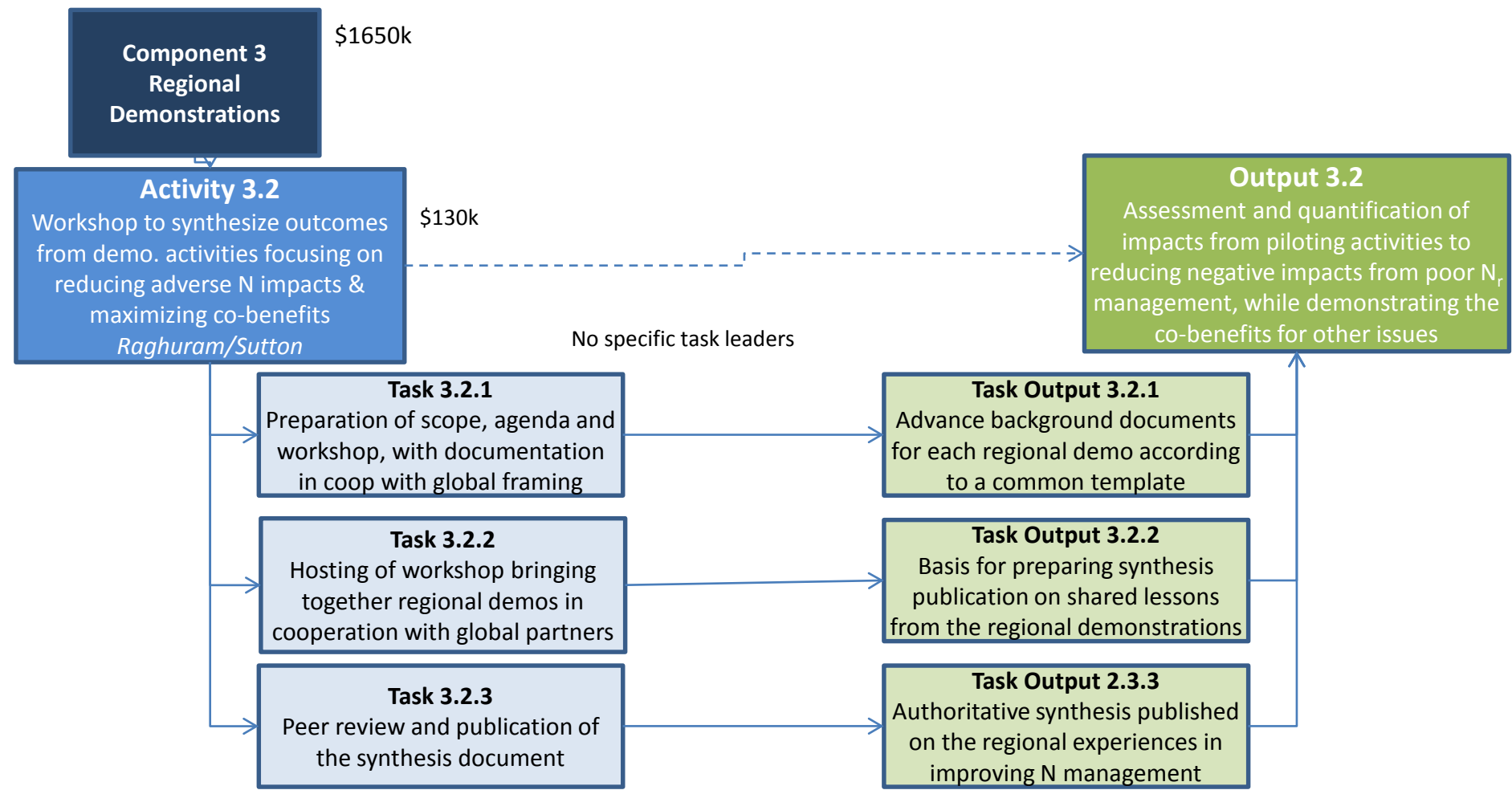
Task Output 3.1.8
Synthesis of current efforts with examples of how a 'full N approach' can help overcome barriers

Task 3.1.9
Contribution to scenario development in cooperation with global analysis

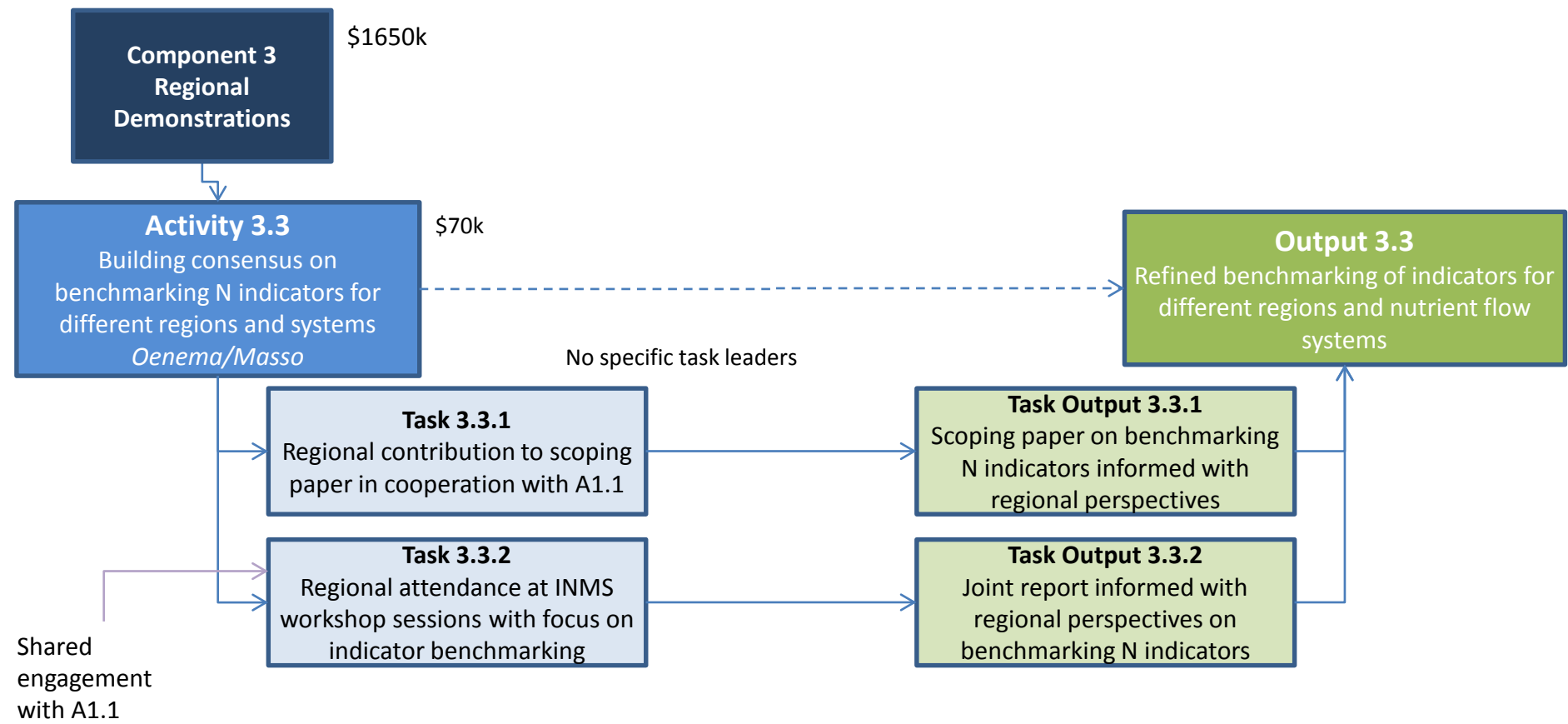
Task Output 3.1.9
Global N scenarios informed by evidence from the regional demonstrations

Support from C1, A2.1, A2.4 & C4

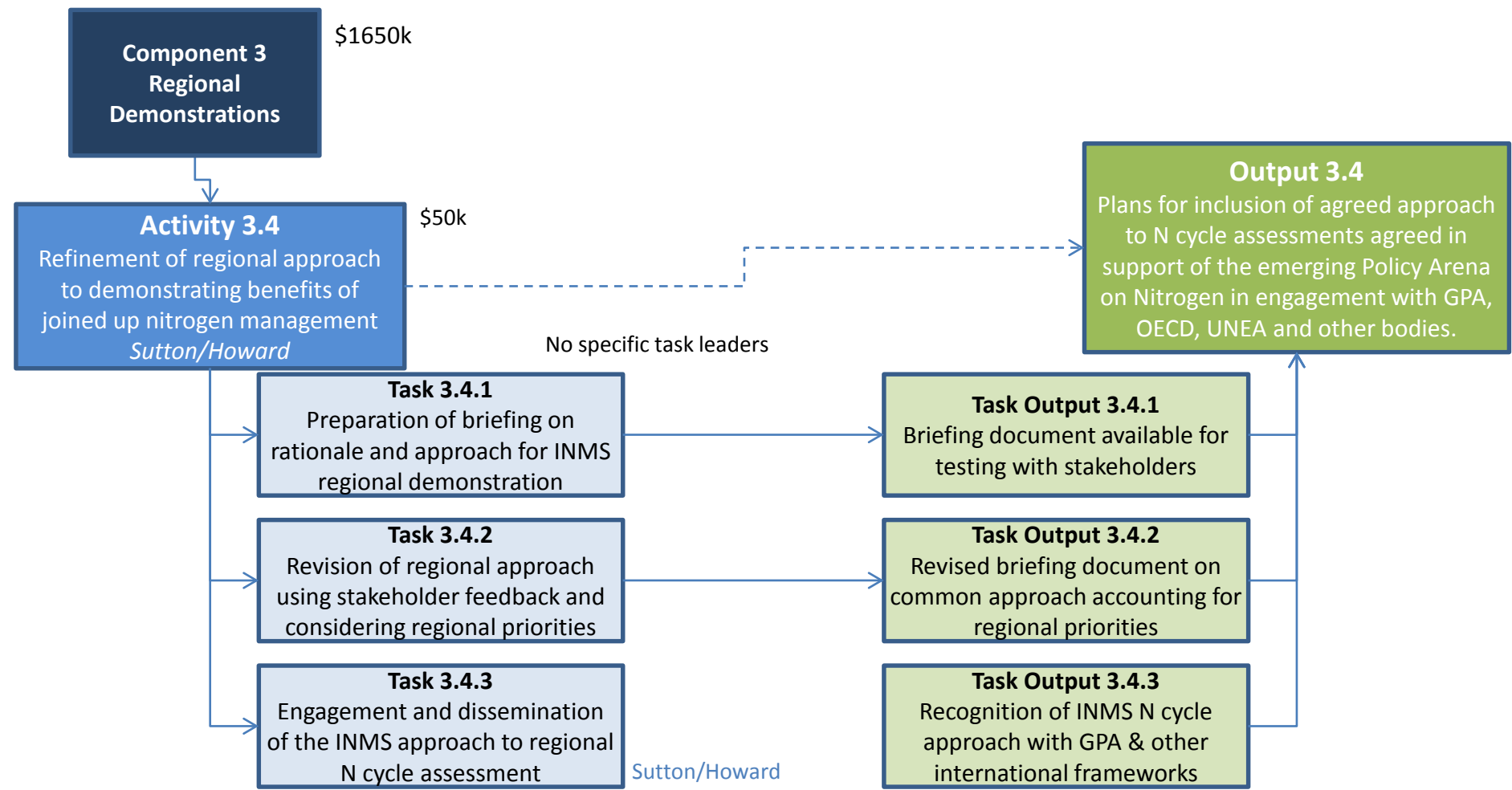
Activity 3.2



Activity 3.3



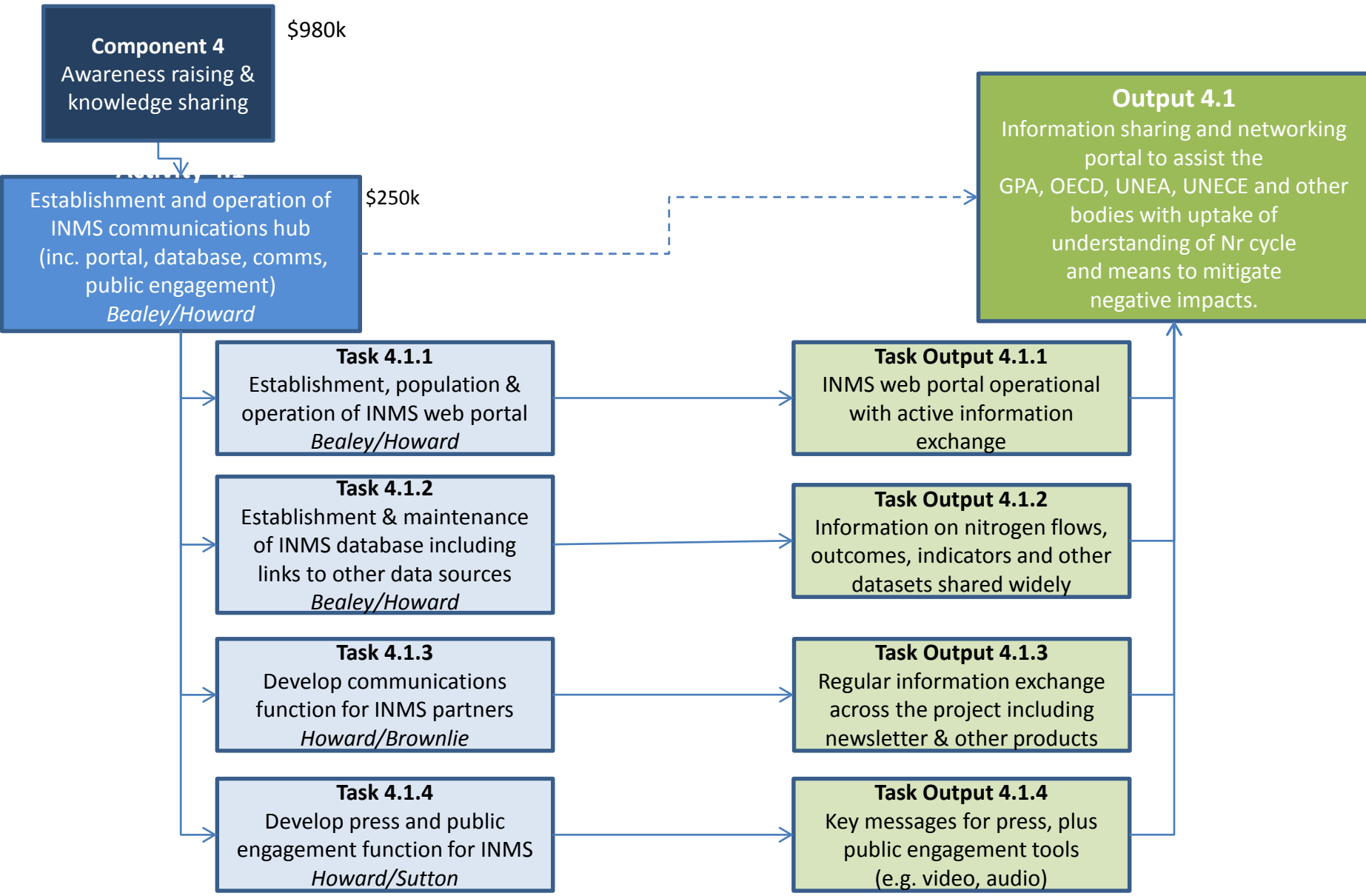
Activity 3.4



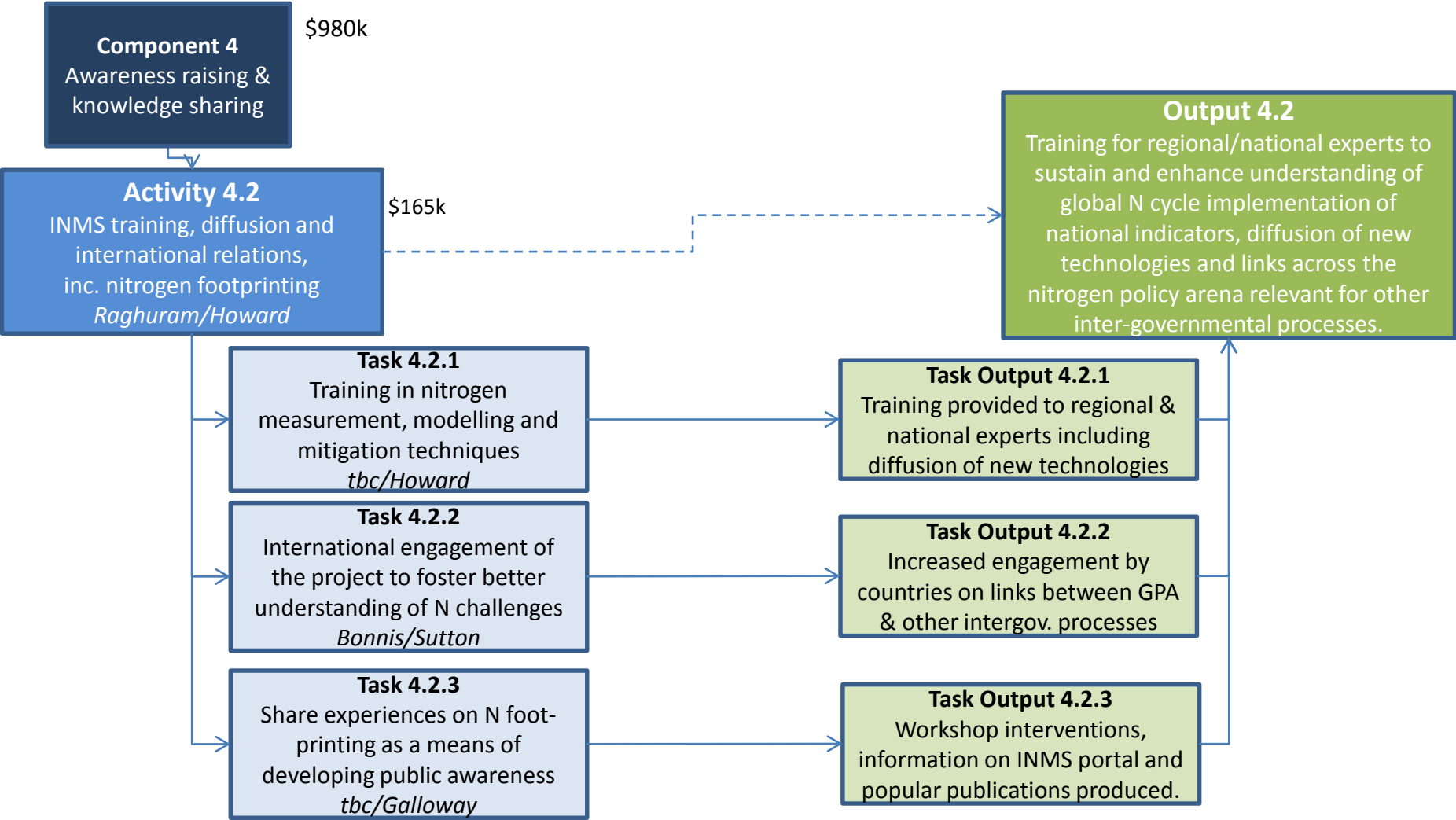
Component 4:

Awareness raising and
knowledge sharing

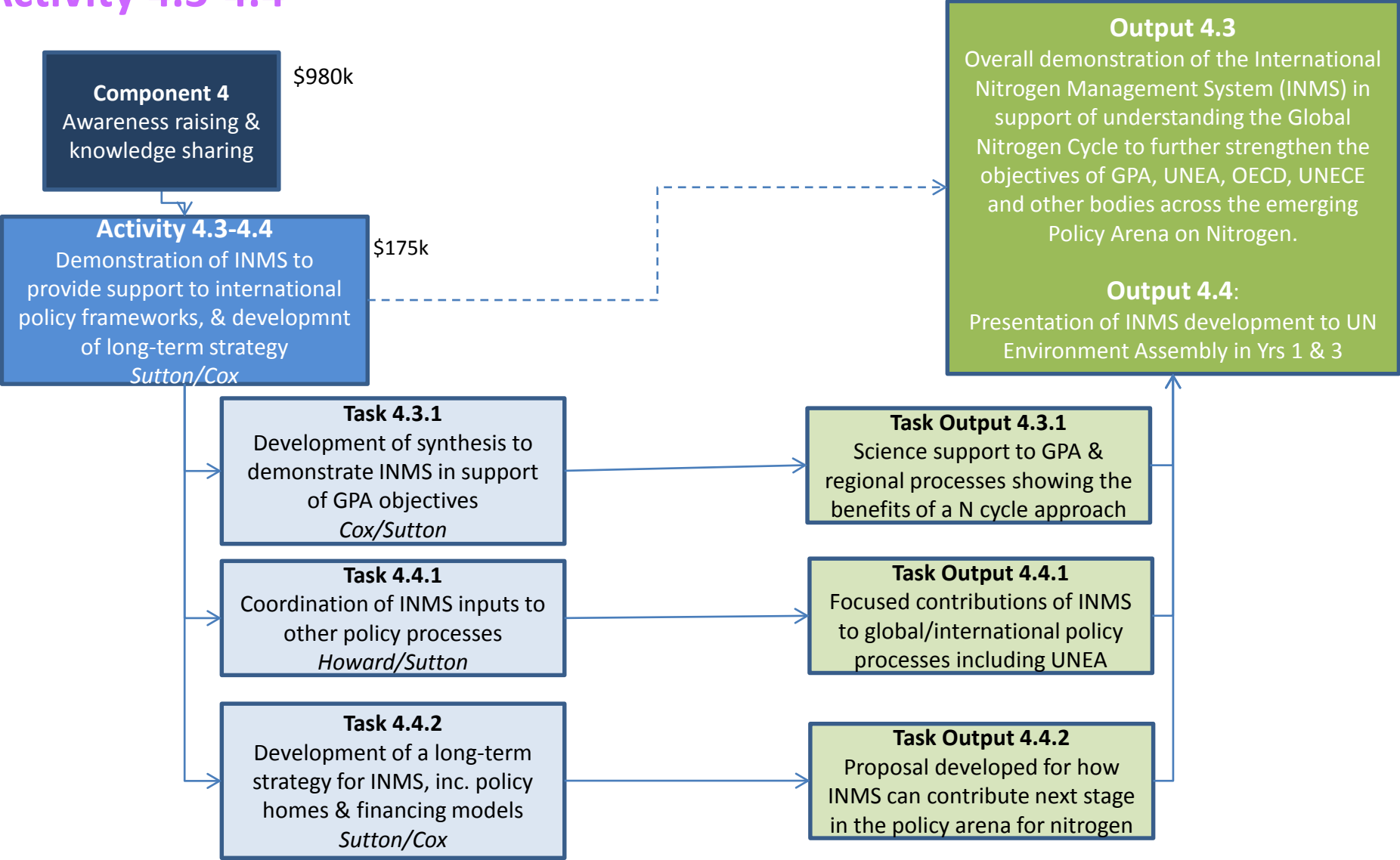
Activity 4.1



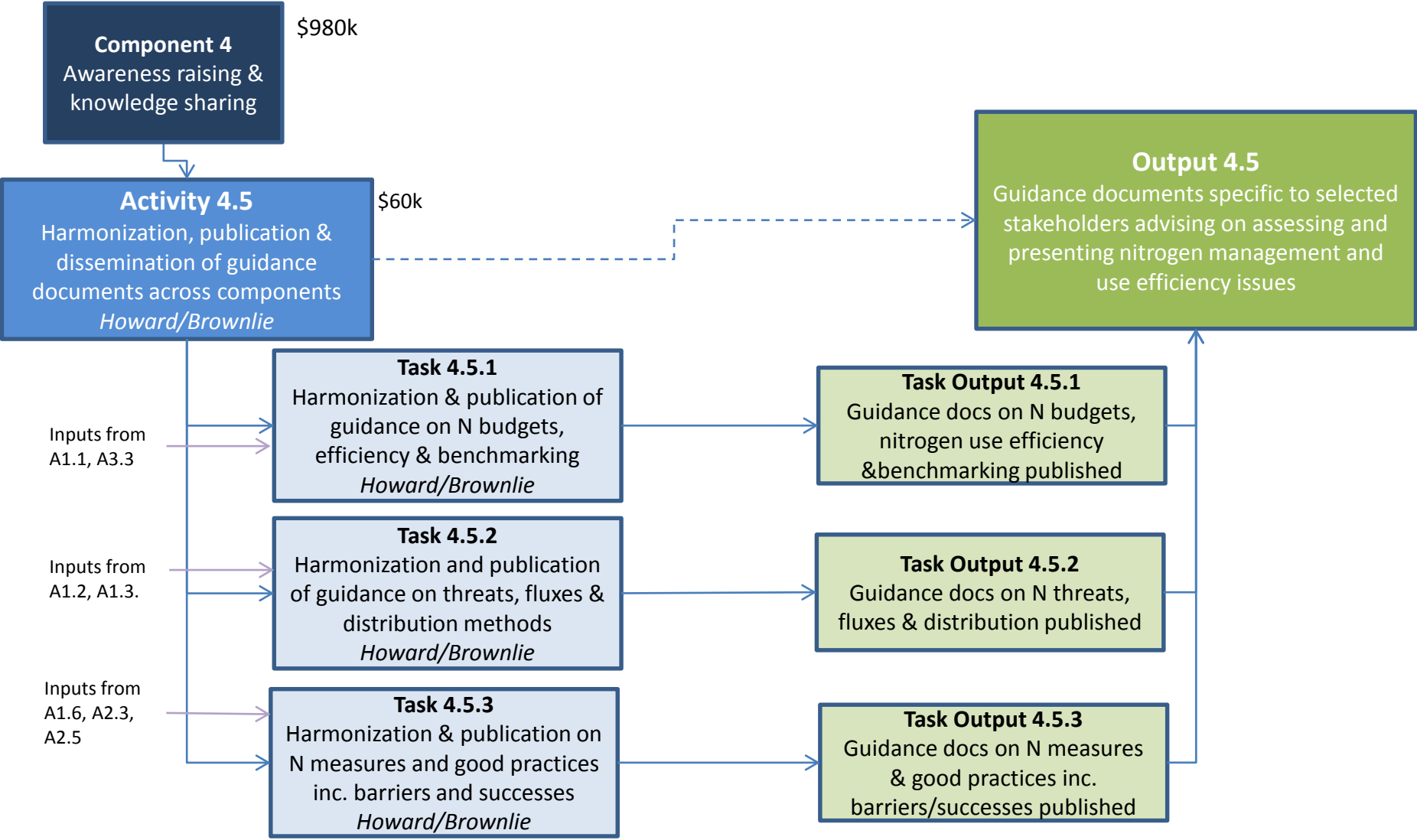
Activity 4.2



Activity 4.3-4.4



Activity 4.5



Activity 4.6-4.9

