Water Accouts: Group Exercise 1: Water asset account (m^3)
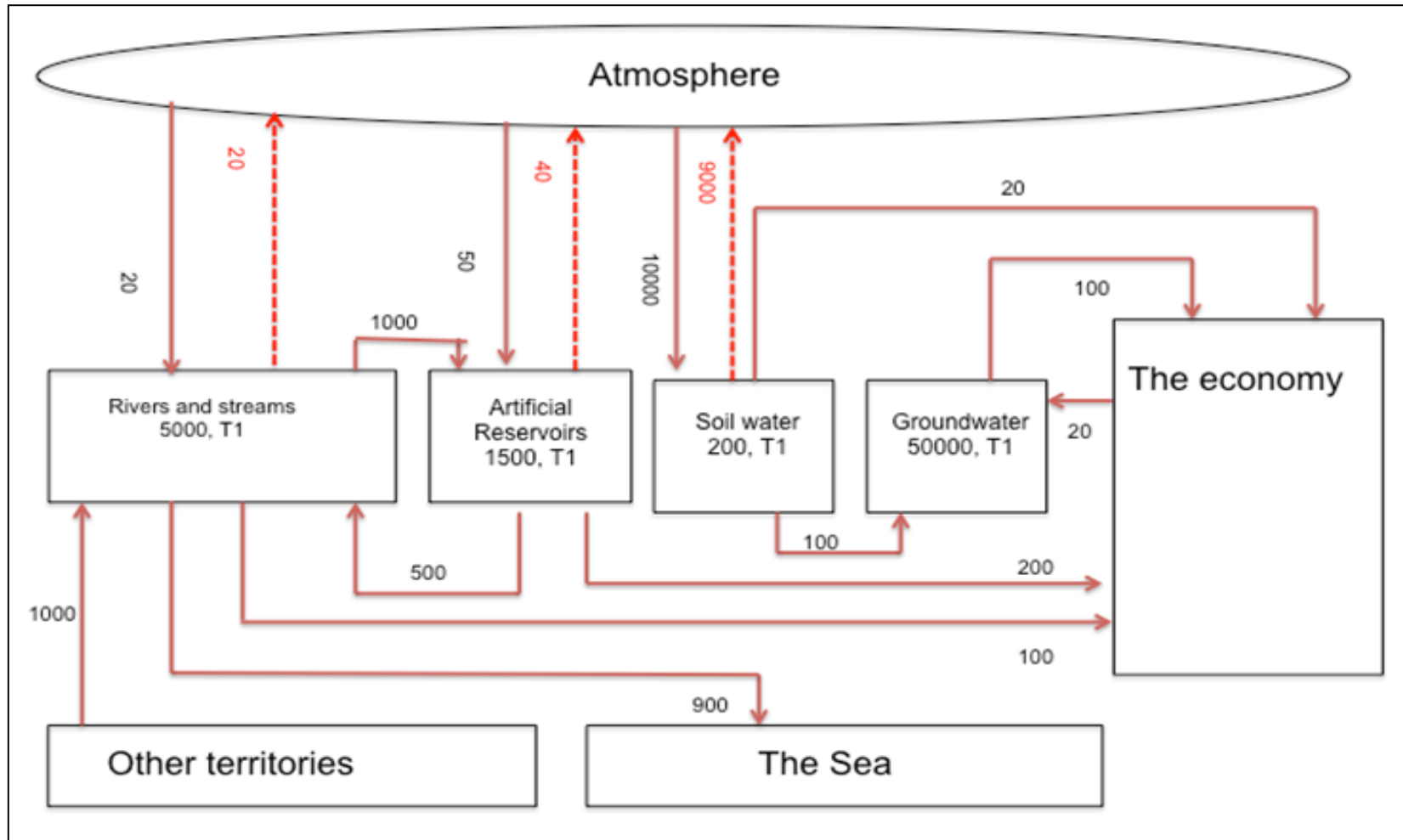
Stock and Flow Diagram

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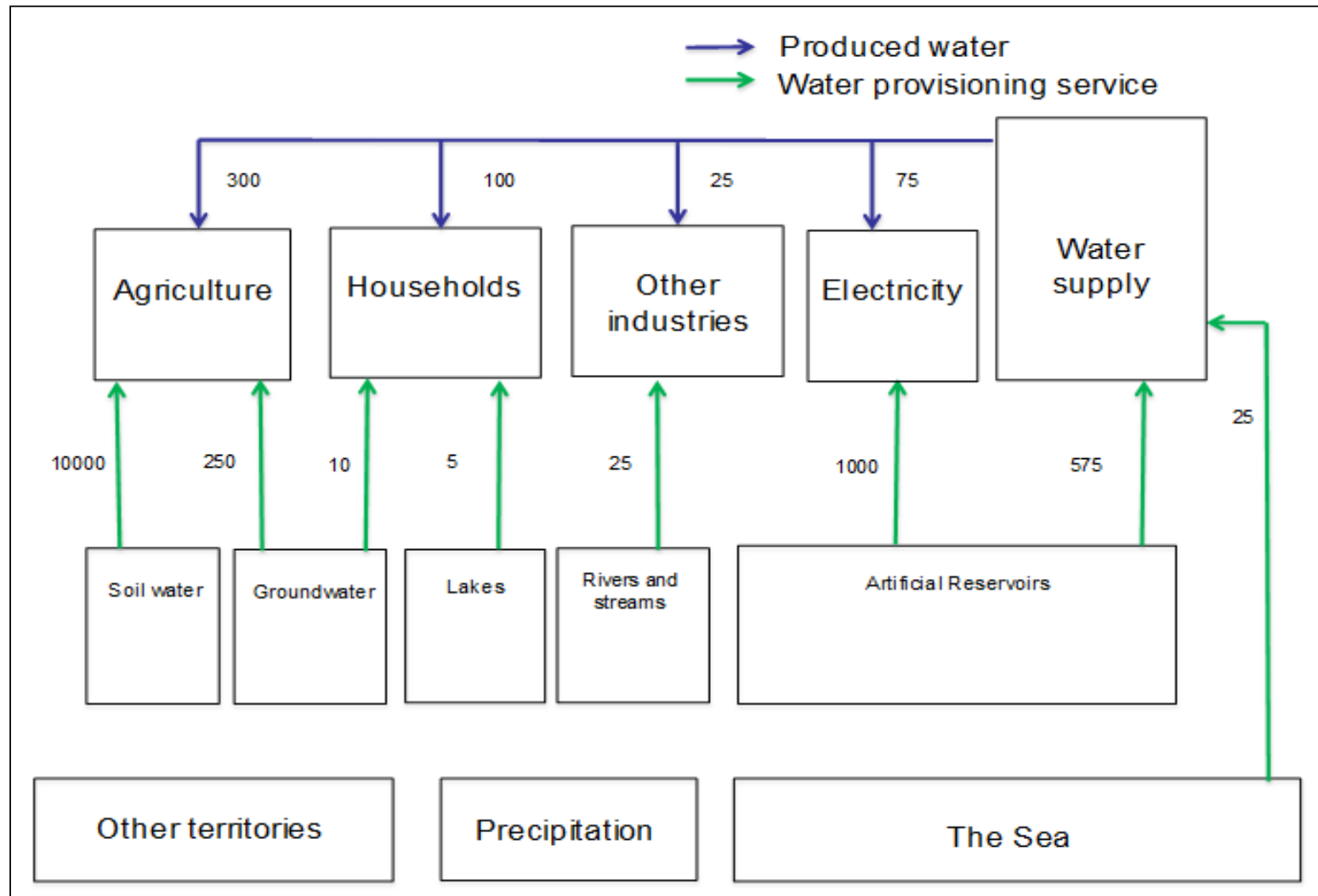
Water Asset Account (m³)

	Type of water resourcs				Total
	Surface water				
	Artificial reservoirs	Rivers and streams	Goundwater	Soil water	Total
(A) Opening stock					
Additions to stock					
(B) Returns (from Economy)					
(C) Precipitation					
(D) Inflows from other territories					
(E) Inflows from other inland water					
(F) Discoveries of water in aquifers					
(G) Total additions to stock					=B+C+D+E+F
Reductions in stock					
(H) Abstraction (to Economy)					
(I) Evaporation and evapotranspiration					
(J) Outflows to other territories					
(K) Outflows to the sea					
(L) Outflows to other inland water					
(M) Total reductions in stock					=H+I+J+K+L
Closing stock					=A + G - M

Instructions: (1) Transcribe Opening Stock and flows from Stock and Flow Diagram

(2) Calculate Totals and Closing Stock

Water Accouts: Group Exercise 2: Water Use Table (m^3)

Water Use Diagram (m^3)

Water Accouts: Group Exercise 2: Water Use Table (m^3)

Water Use Table (m^3)

	Use of water					Total use
	Agriculture, forestry and fishing	Electricity, gas, steam and air conditioning supply	Water collection, treatment and supply	Other industries	Households	**Total use**
Sources of abstracted water						
Inland water resources						
(A) Surface water						
(B) Groundwater						
(C) Soil water						
(E) Sea water						
(F) Total abstracted water						=A+B+C+D+E
Abstracted water						
(G) Distributed water (to other ecomomic units)						
(H) Use of water (from other economic units)						
(I) Own use						
Total use of water (abstracted and distributed water)						=H+I

Note: Surface water = (Lakes + Rivers and Streams + Artificial Reservoirs)

Note: Own use for Water collection, treatment and supply = Abstracted - (total distributed)

Instructions: (1) Transcribe values for Distribution and Abstraction from Water Use diagram

(2) Calculate Total Use (column and row)