



Eress events

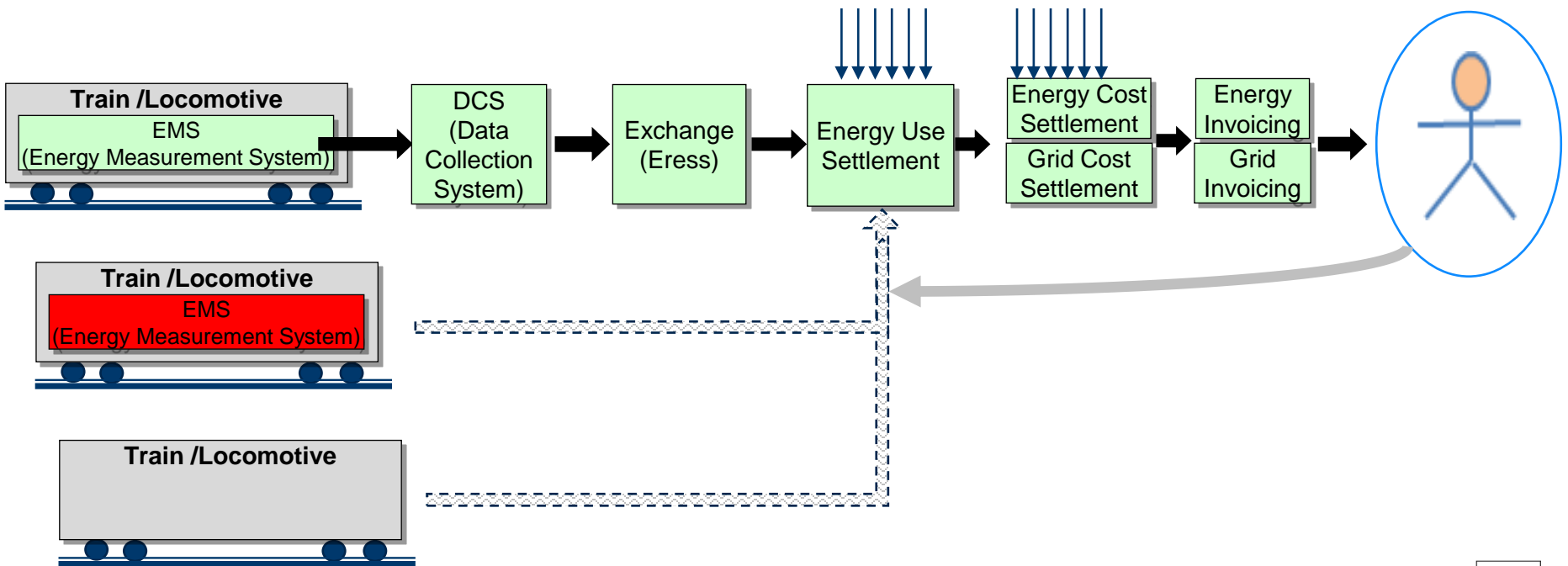
**Missing energy
metering data:**

**Actions for
Train Operators /
Vehicle Keepers**

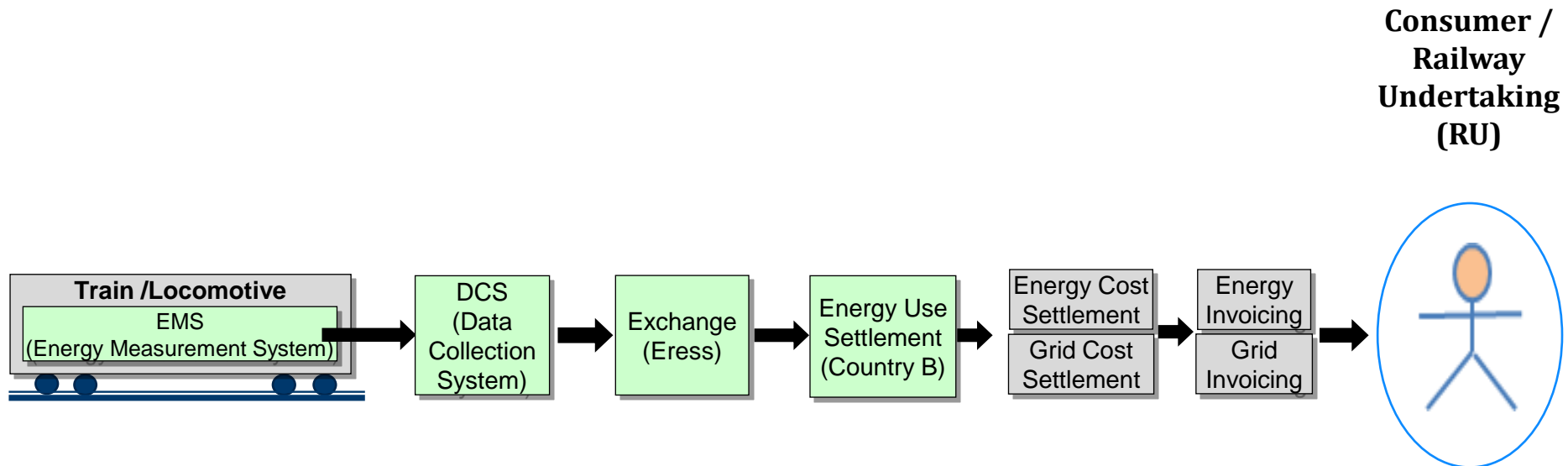


Simple dataflow energy billing

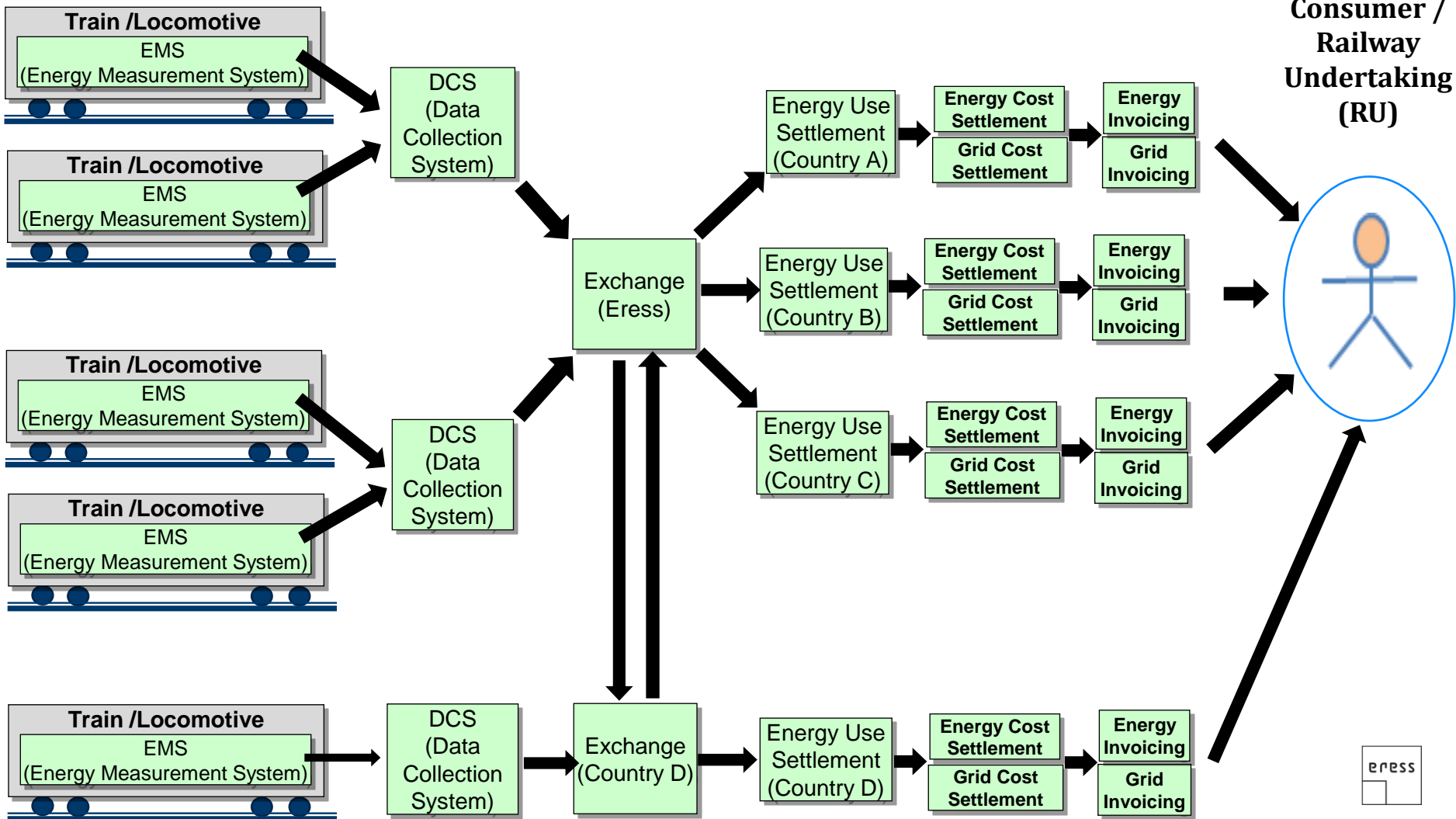
Consumer /
Railway
Undertaking
(RU)



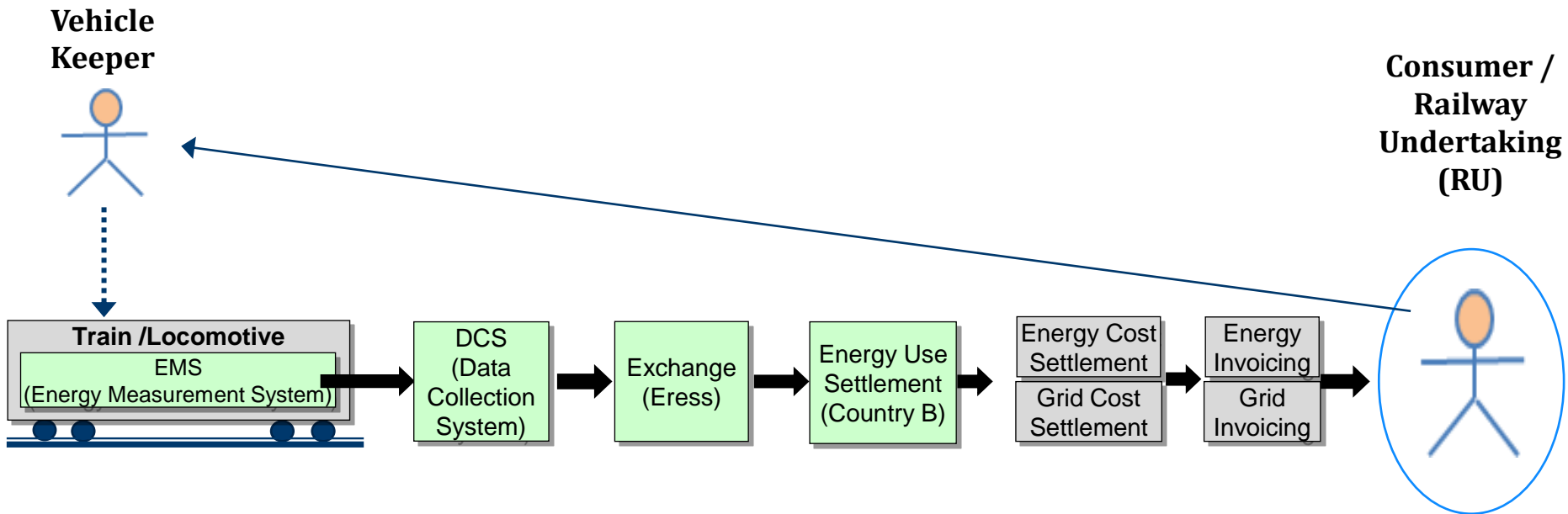
Simple dataflow CEBD



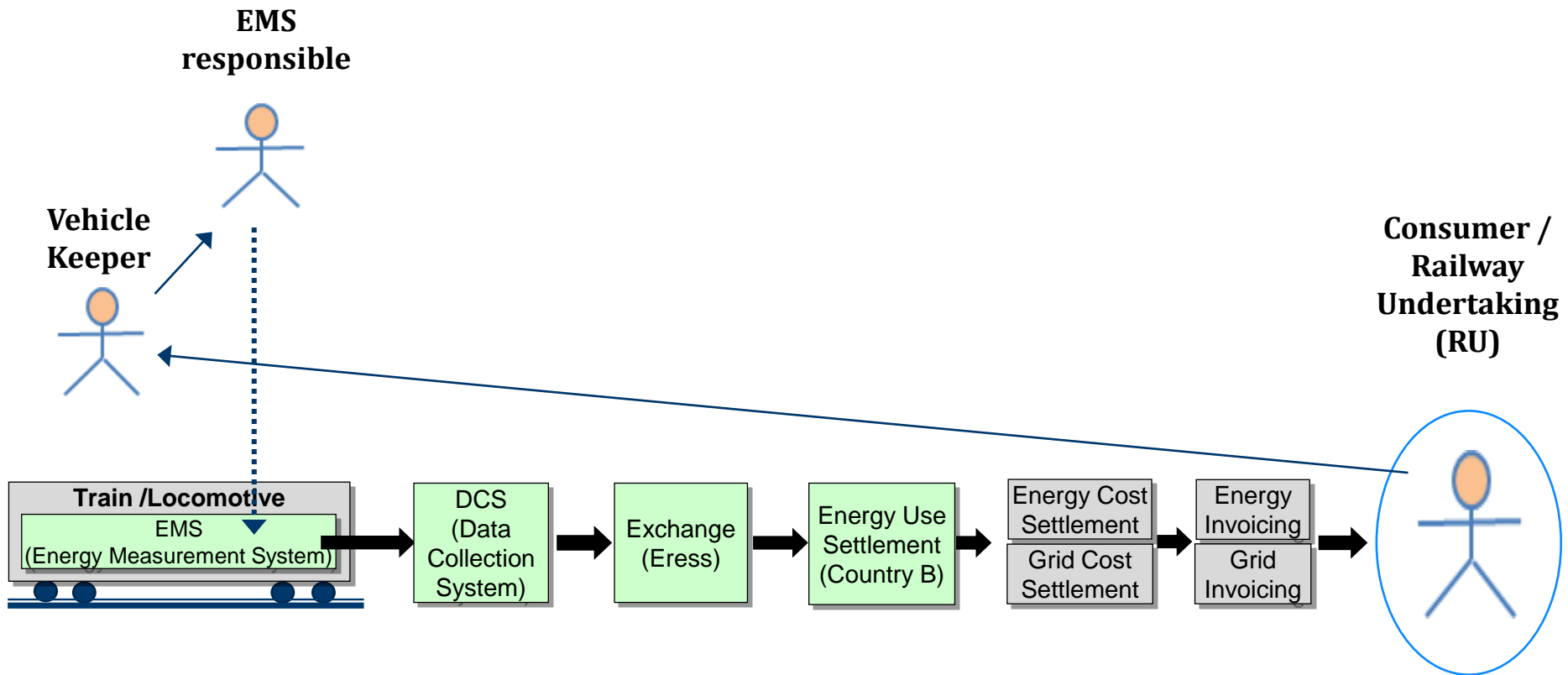
Complexity vs control



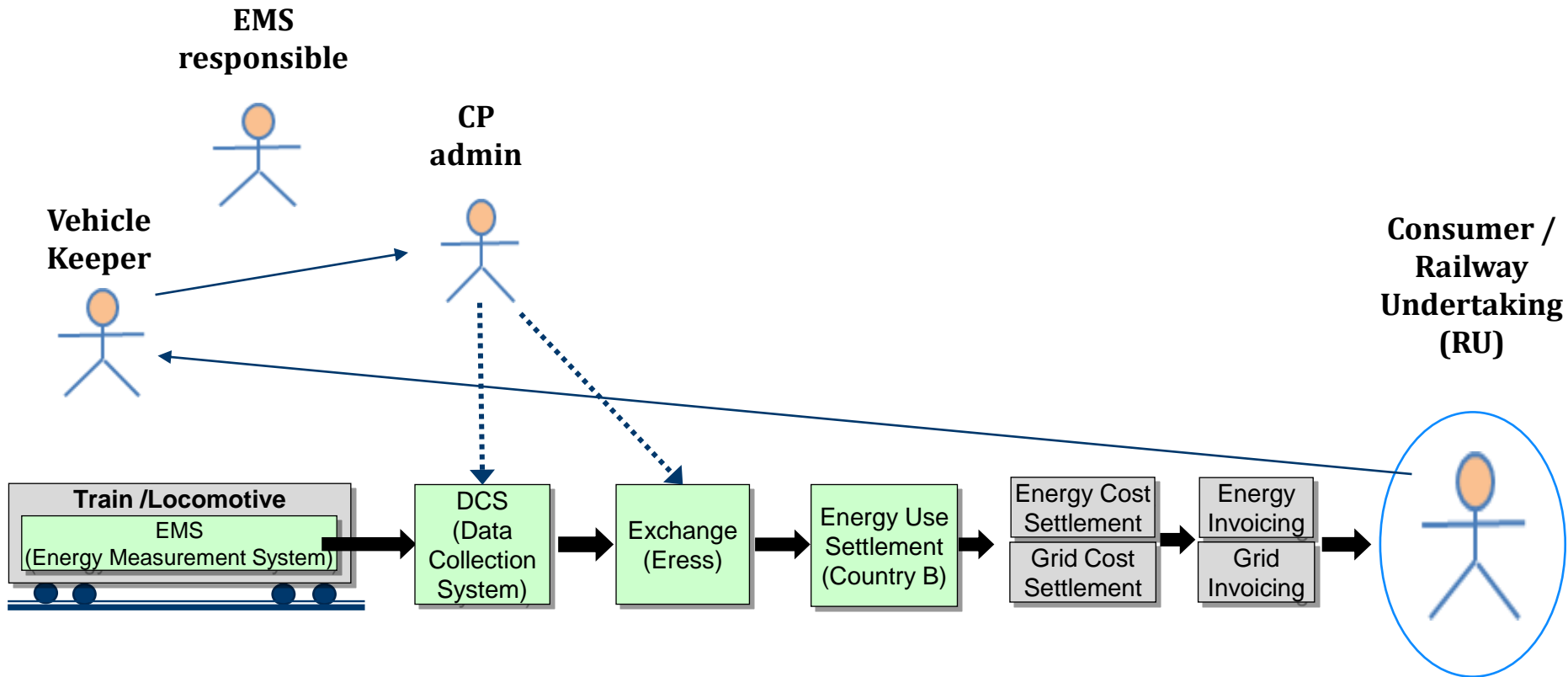
Q1: Is there a metering system installed ?



Q2: Is the metering system working (ok) ?



Q3: Is data flowing from metering system?



Q4: Is the EMS accepted by this EUS ?

EMS Approver

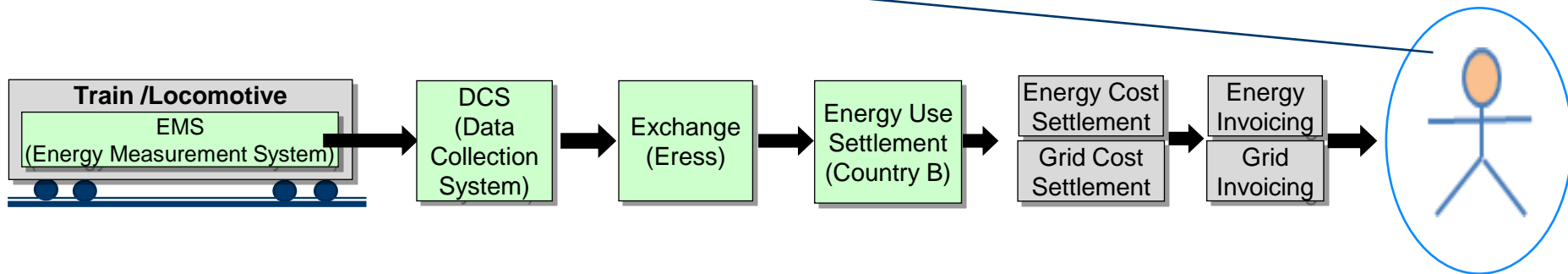
EMS responsible

CP admin

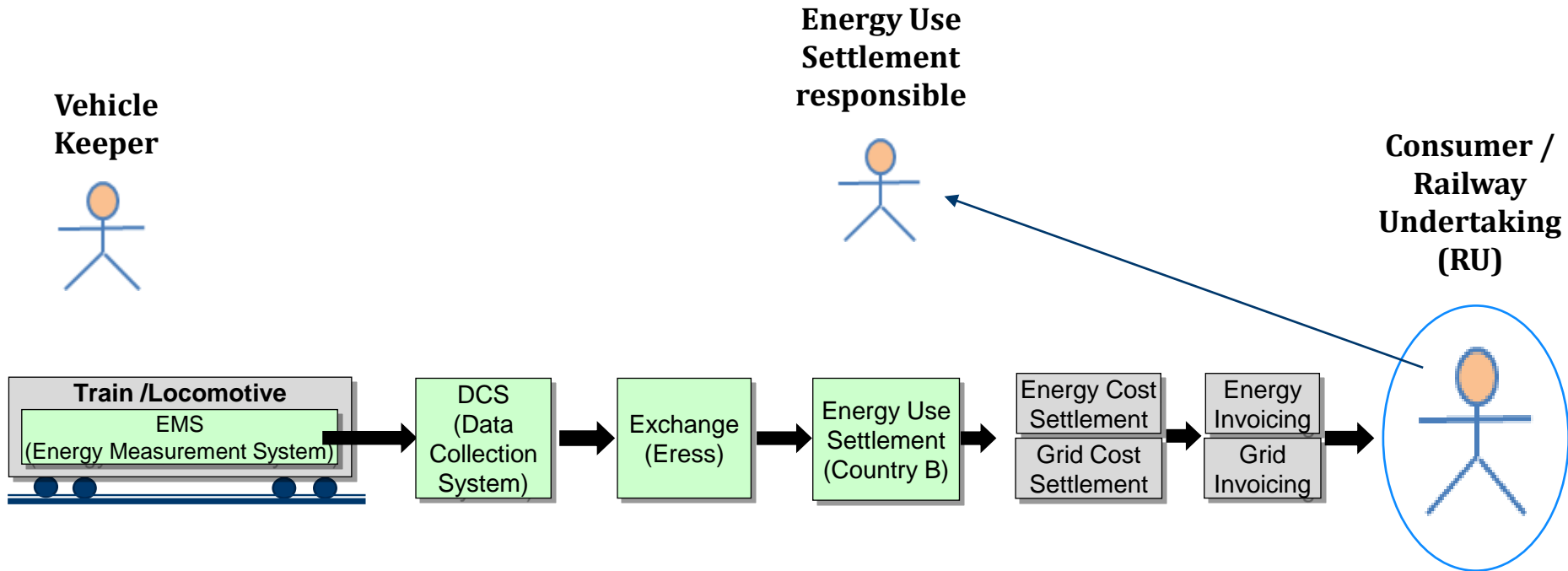
Energy Use Settlement

Vehicle Keeper

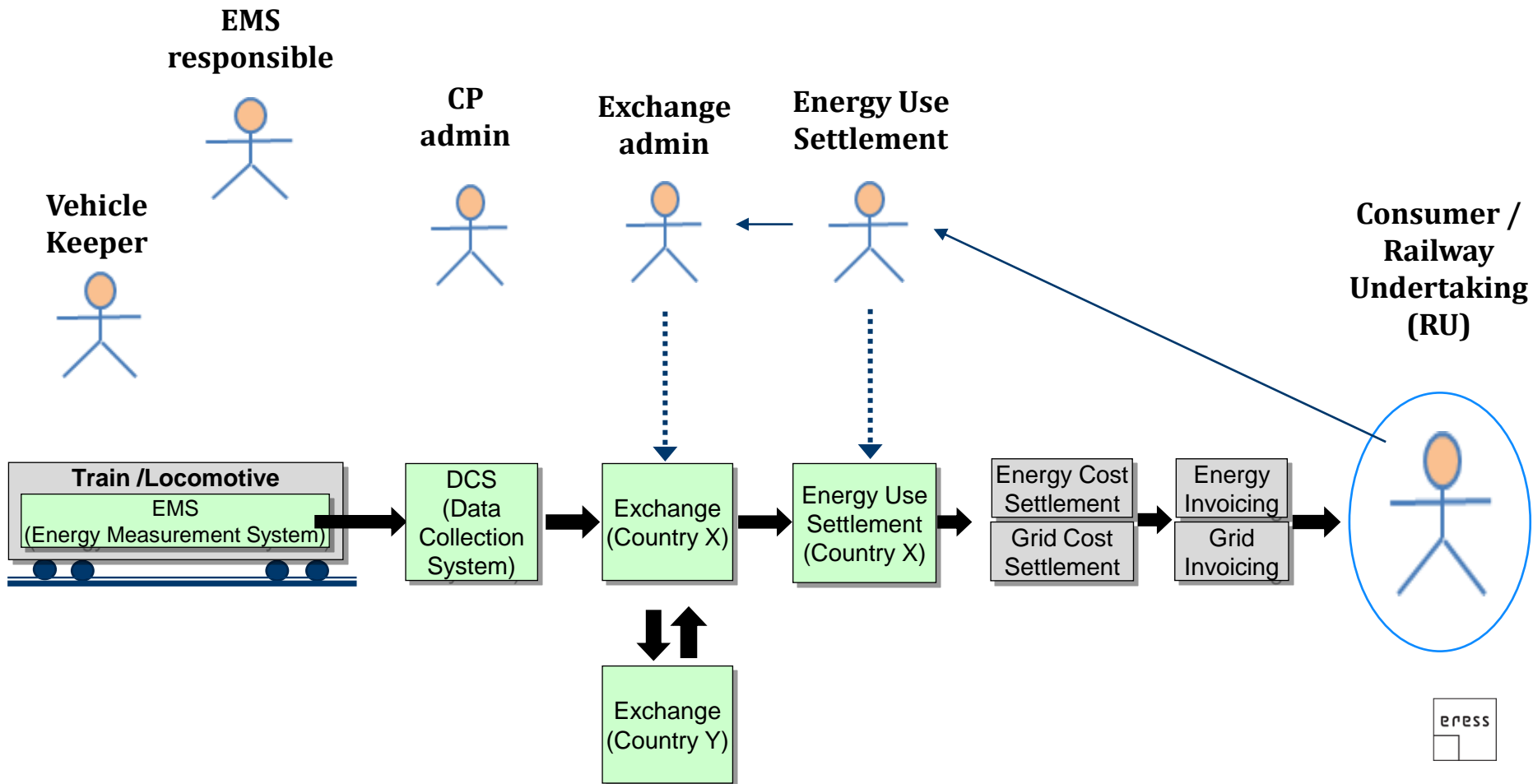
Consumer / Railway Undertaking (RU)



Q5: Is billing by metering agreed with this EUS?



Q6: Is the metering data received and usable ?



Summary:

Who RU shall contact:	Ask what:
Q1 Vehicle Keeper	Is there a metering system installed ?
Q2 Vehicle Keeper	Is the metering system working ok ?
Q3 Vehicle Keeper	Is data flowing from metering system ?
Q4 Vehicle Keeper	Is the EMS accepted by this EUS
Q5 Energy Use Settlement responsible	Is billing by metering agreed with this EUS?
Q6 Energy Use Settlement responsible	Is the metering data received and usable ?

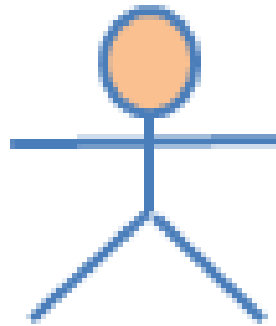
Address the questions in the order presented, one-by-one

If a question is answered “no”, then this is the issue to solve before going further on the list.

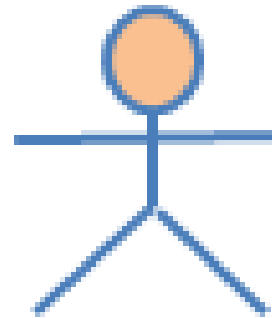
When a question in Q1-Q4 is answered yes, then request information and documentation that may be included when sending Q5 and/or Q6.

For vehicle keepers: keep ready-at-hand written overview of parties and roles for your vehicles.

Questions



Vehicle Keeper



**Consumer /
Railway
Undertaking**