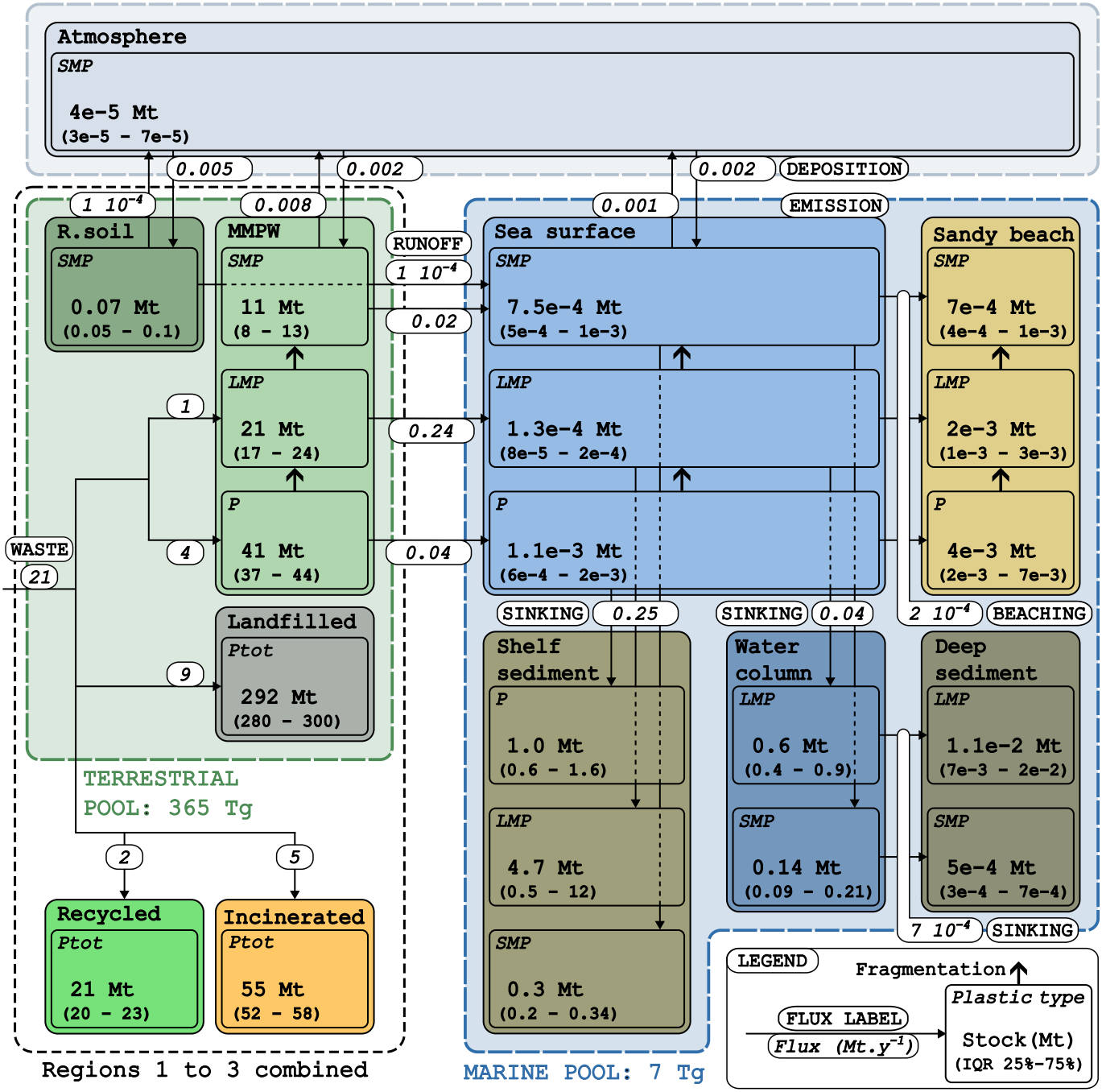
Atmosphere
SMP
4e-5 Mt
(3e-5 - 7e-5)
0.005
0.002
0.002
DEPOSITION
1 10-4
0.008
0.001
EMISSION
R.soil
SMP
0.07 Mt
(0.05 - 0.1)
MMPW
SMP
11 Mt
(8 - 13)
RUNOFF
1 10-4
0.02
Sea surface
SMP
7.5e-4 Mt
(5e-4 - 1e-3)
Sandy beach
SMP
7e-4 Mt
(4e-4 - 1e-3)
LMP
21 Mt
(17 - 24)
1
0.24
LMP
1.3e-4 Mt
(8e-5 - 2e-4)
LMP
2e-3 Mt
(1e-3 - 3e-3)
P
41 Mt
(37 - 44)
4
0.04
P
1.1e-3 Mt
(6e-4 - 2e-3)
P
4e-3 Mt
(2e-3 - 7e-3)
WASTE
21
SINKING
0.25
SINKING
0.04
2 10-4
BEACHING
Landfilled
Ptot
292 Mt
(280 - 300)
9
Shelf sediment
P
1.0 Mt
(0.6 - 1.6)
Water column
LMP
0.6 Mt
(0.4 - 0.9)
Deep sediment
LMP
1.1e-2 Mt
(7e-3 - 2e-2)
LMP
4.7 Mt
(0.5 - 12)
SMP
0.14 Mt
(0.09 - 0.21)
SMP
5e-4 Mt
(3e-4 - 7e-4)
TERRESTRIAL
POOL: 365 Tg
2
5
7 10-4
SINKING
Recycled
Ptot
21 Mt
(20 - 23)
Incinerated
Ptot
55 Mt
(52 - 58)
SMP
0.3 Mt
(0.2 - 0.34)
LEGEND
Fragmentation
FLUX LABEL
Flux (Mt.y-1)
Plastic type
Stock (Mt)
(IQR 25%-75%)
Regions 1 to 3 combined
MARINE POOL: 7 Tg