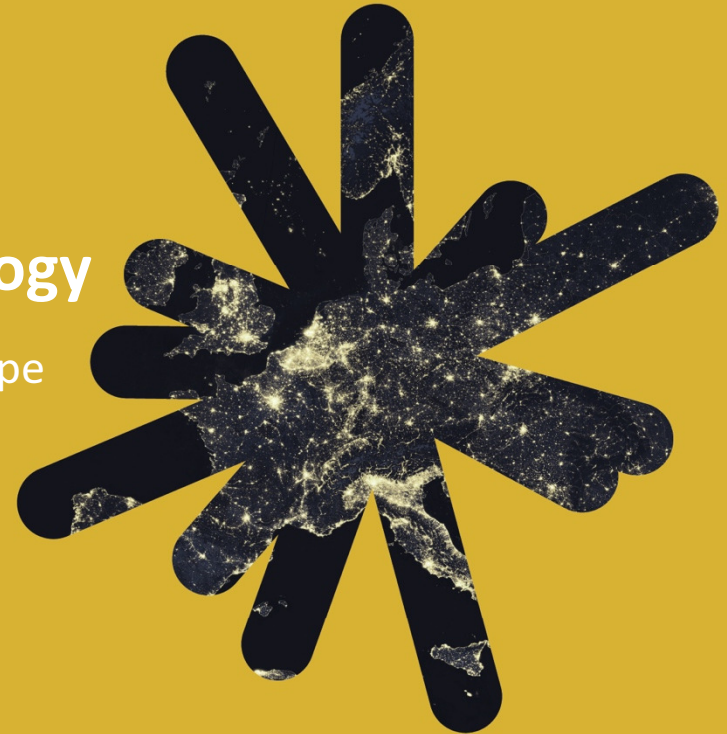


Residual Mix Calculation Methodology

Fast course to balancing of energy attributes in Europe

FaStGO Webinar 10.3.2020

Markus Klimscheffskij



AIB

association of issuing bodies



Suppliers shall specify in bills the contribution of each energy source to the electricity purchased by the final customer... (2019/944)

Where an electricity supplier is required to demonstrate the share or quantity of energy from renewable sources...it shall do so by using guarantees of origin except: (2018/2001)

- (a) as regards the share of its energy mix corresponding to non-tracked commercial offers, if any, for which the supplier may use the residual mix

Member States shall ensure that the same unit of energy from renewable sources is taken into account only once. (2018/2001)

I HAD A DREAM...



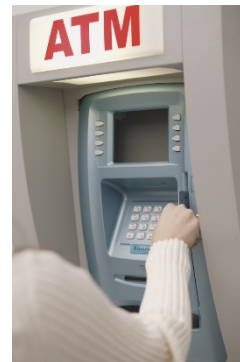
Balance 8.3.2020

1324 €



Withdrawal 9.3.2020

200 €



Balance 10.3.2020

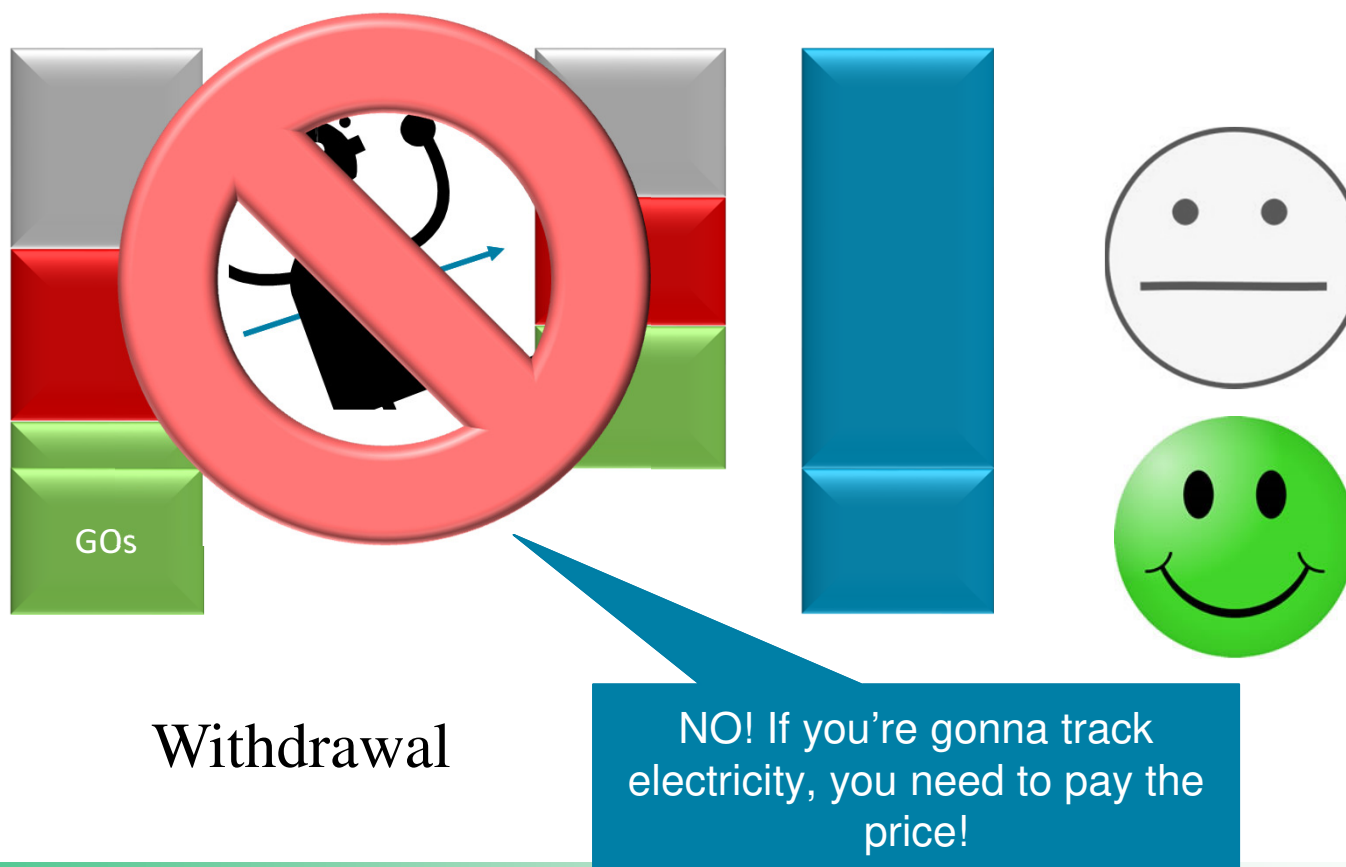
1324 €



My dream continues with renewable energy...

Producers

Consumers



But then I woke up...

Producers

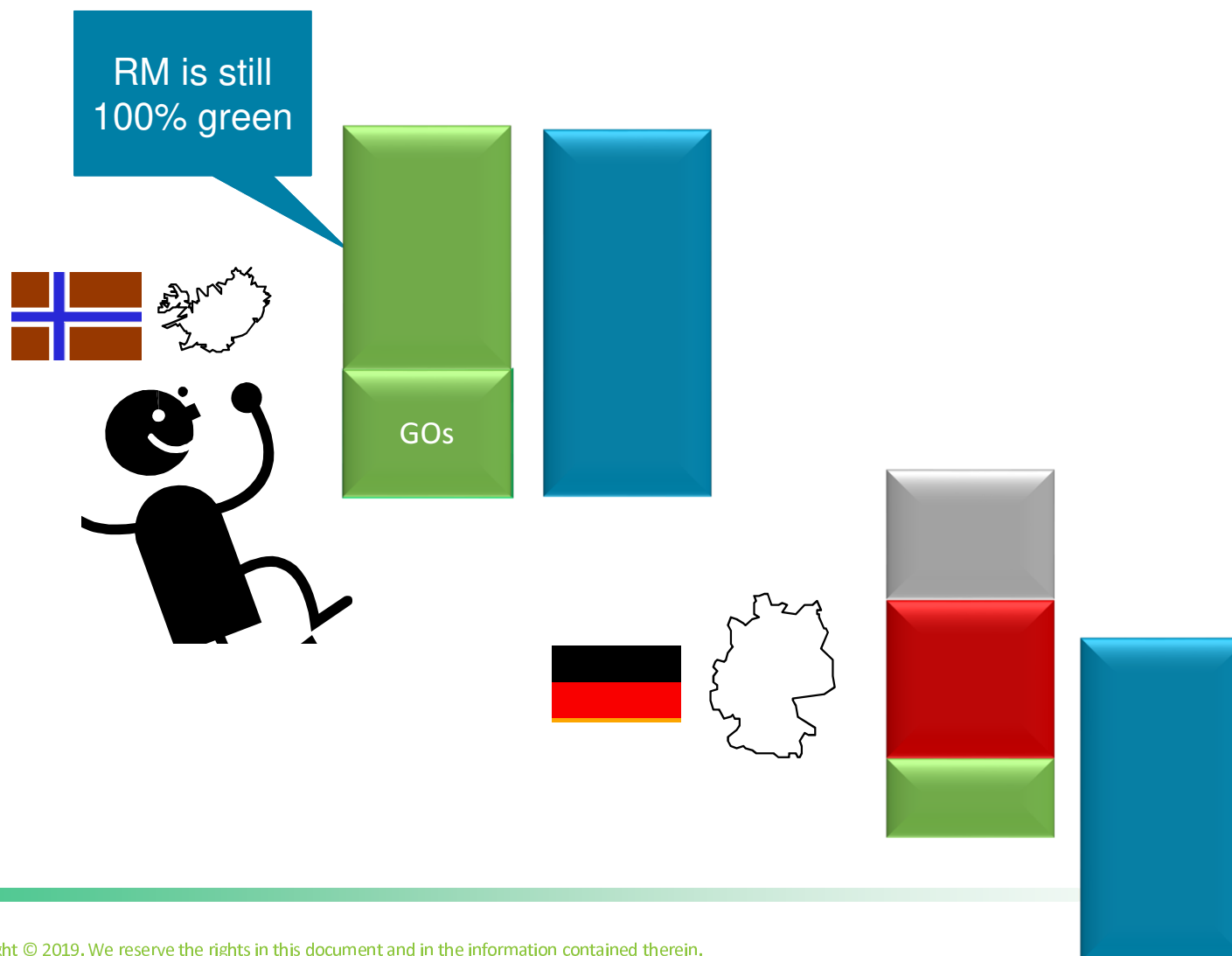
Consumers



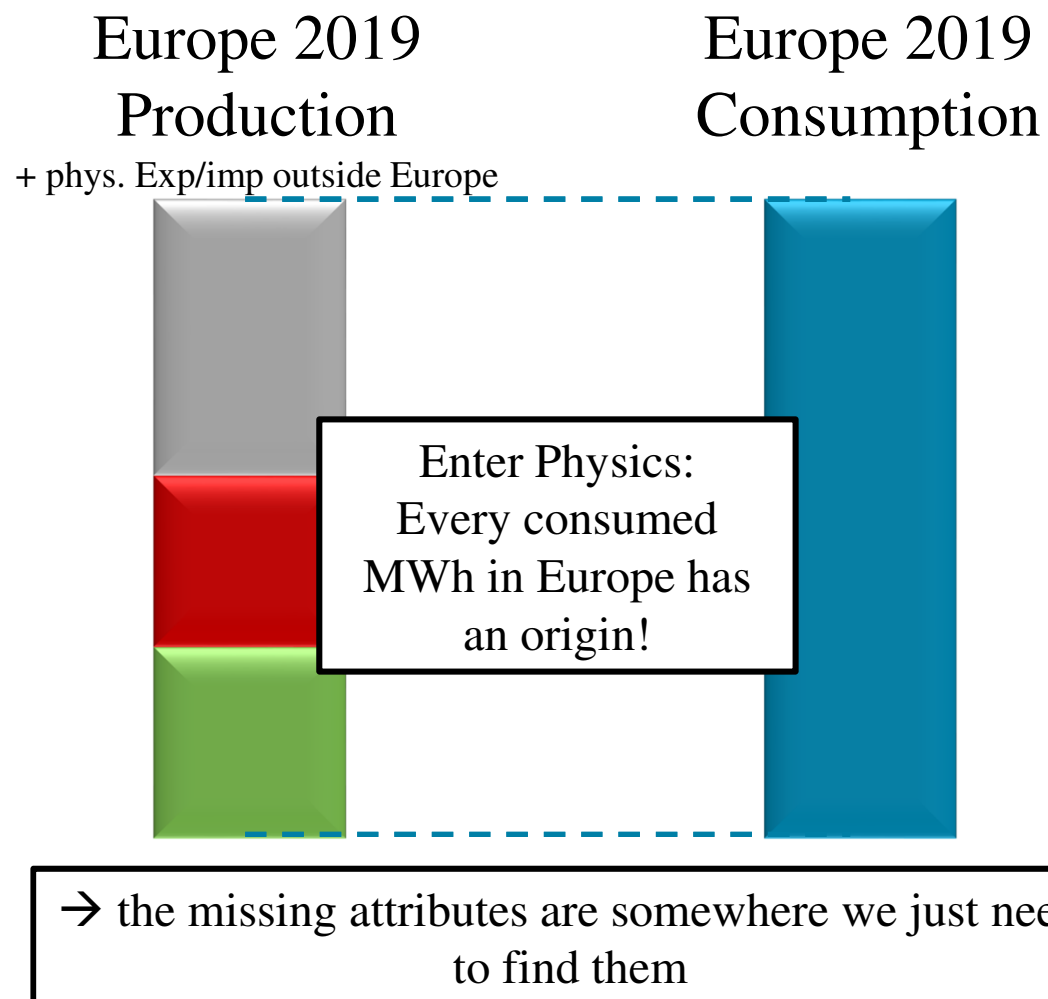
And the price is the residual mix



I hit the snooze and kept sweet dreaming...



But then it hit me...Renewable origin doesn't multiply!

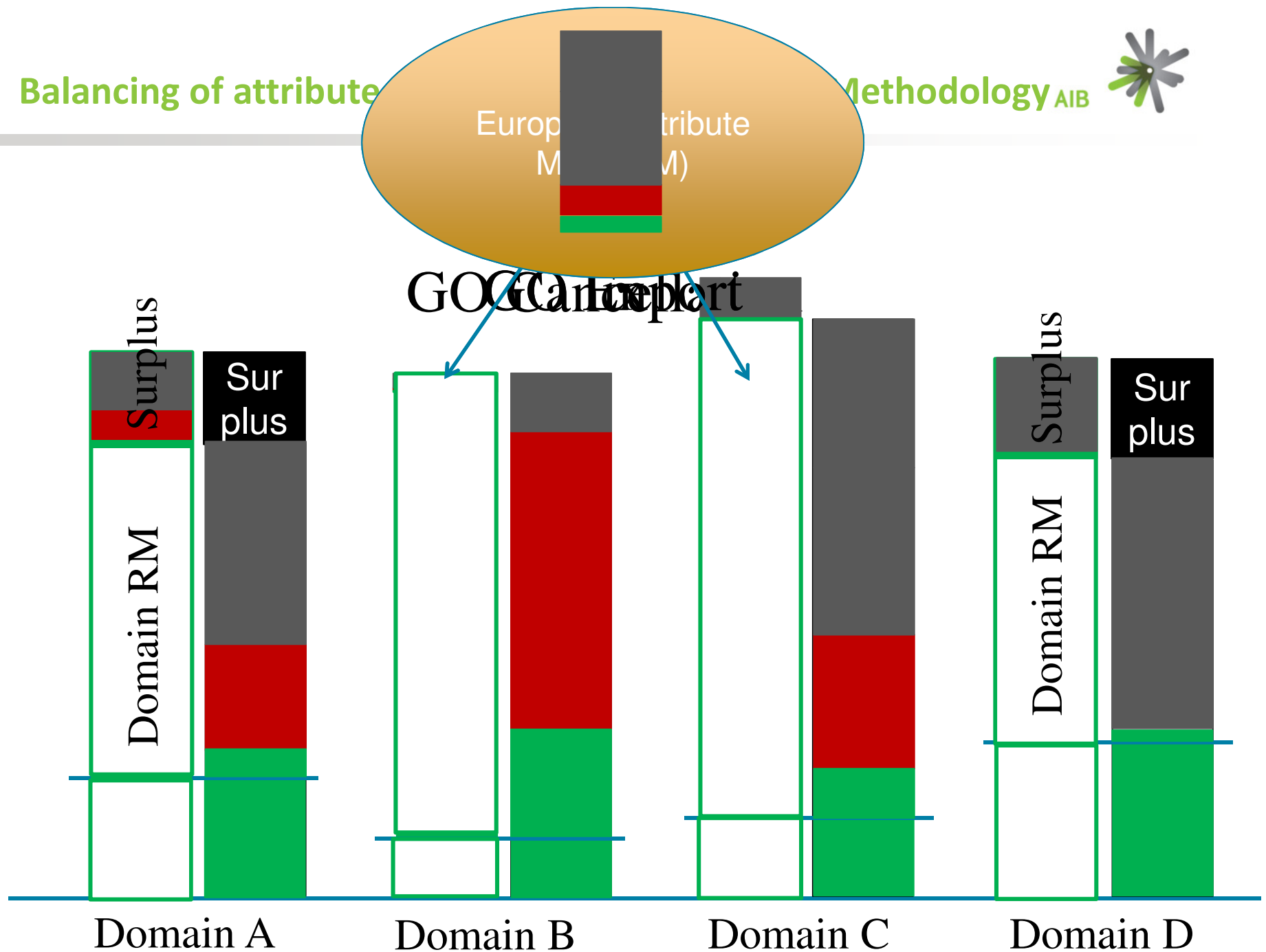


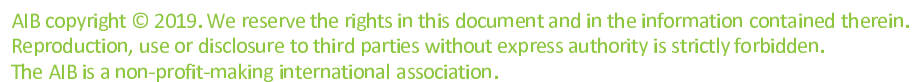
WAKE UP! THE SYSTEM ONLY WORKS IF THERE IS A BALANCE

AIB



AIB copyr
Reproduc
The AIB is a non-profit-making international association.



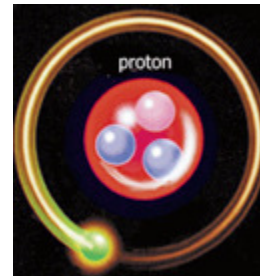


Residual mix is the "Counter-force" of the AIB HUB

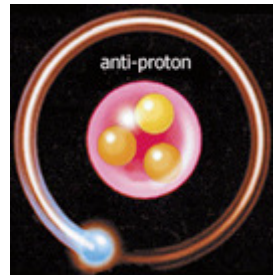


GO
Domain A

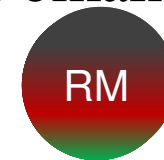
International
Residual Mix
Calculation



AIB HUB



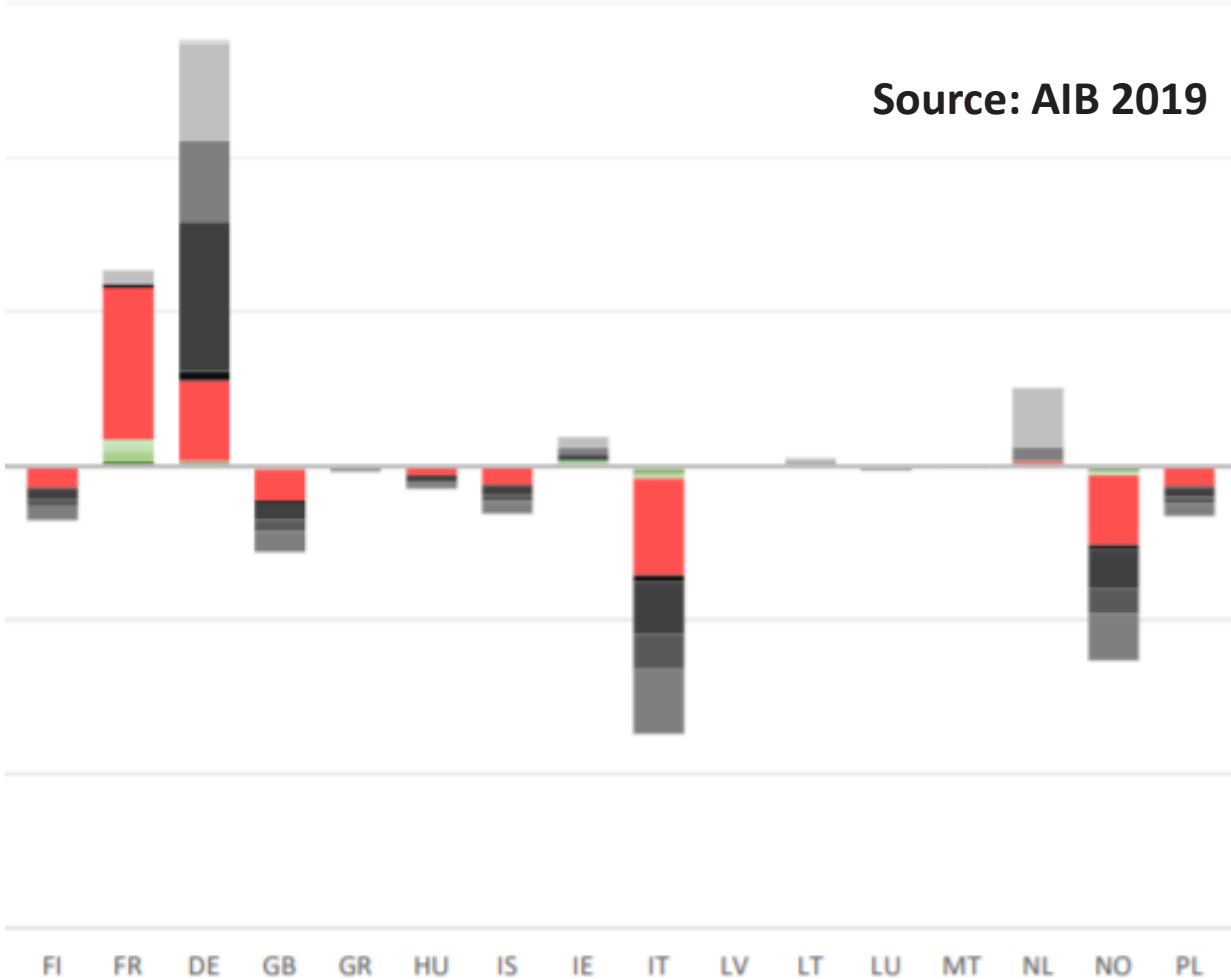
Domain B



Balancing with the EAM (2018)



Source: AIB 2019



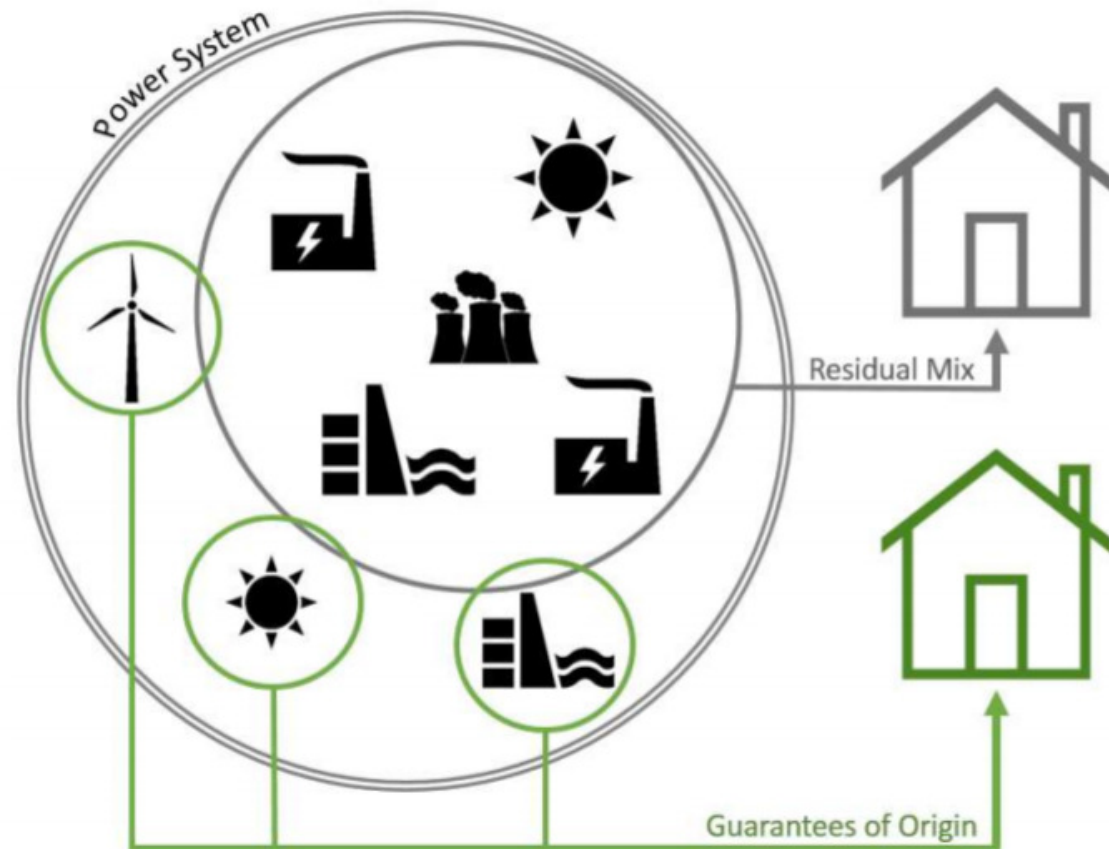
Green = RES

Red = NUC

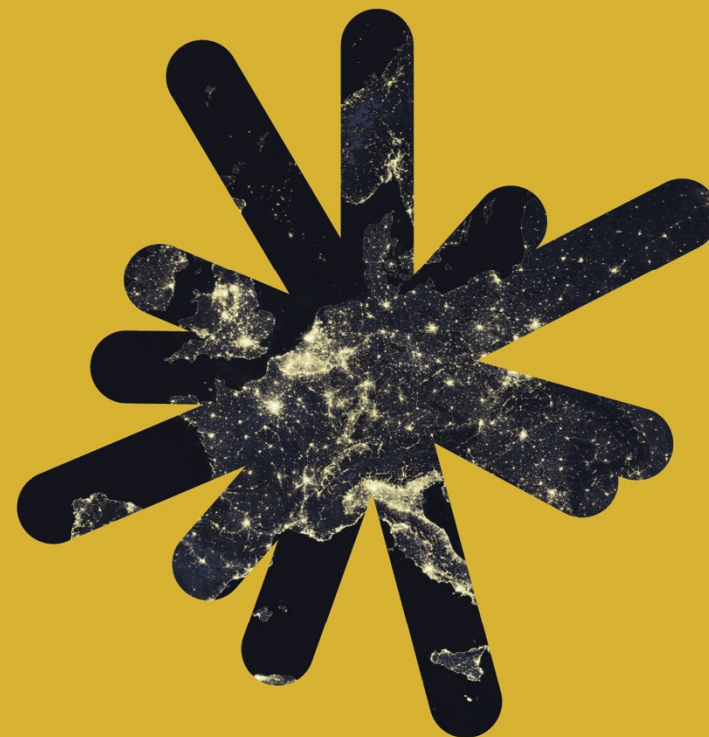
Dark = FOS

RM in a Nutshell

RM is an international allocation mechanism for electricity generation attributes, which are not explicitly tracked by instruments such as Guarantees of Origin



Thank you!



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