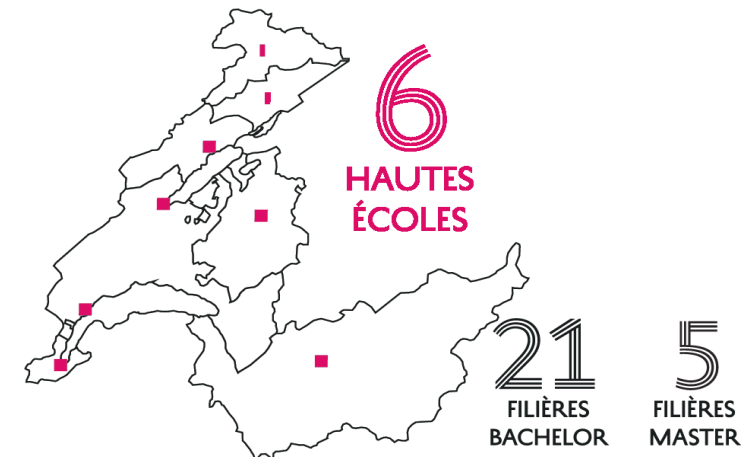
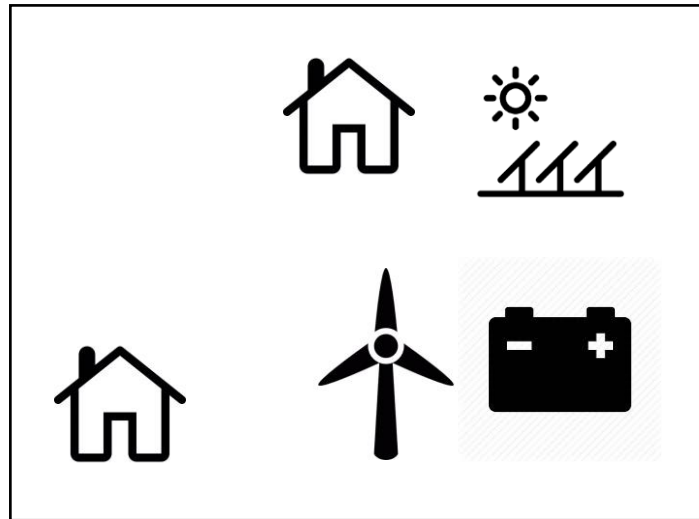
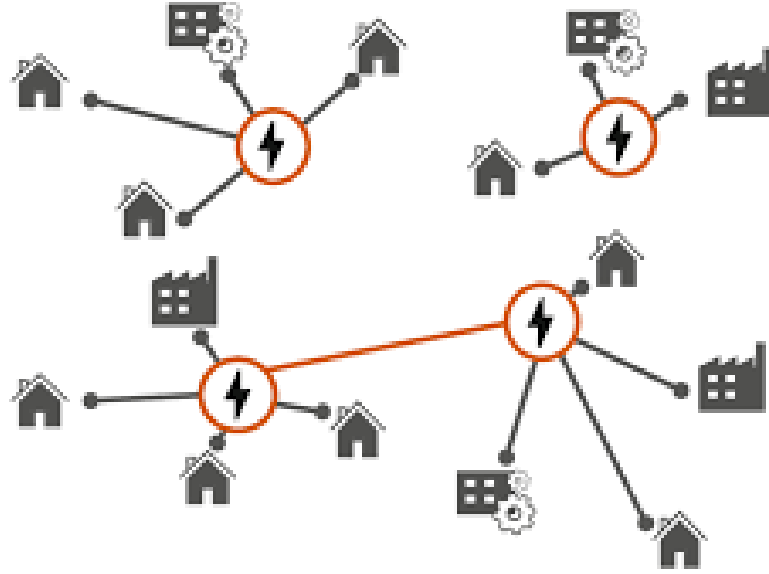


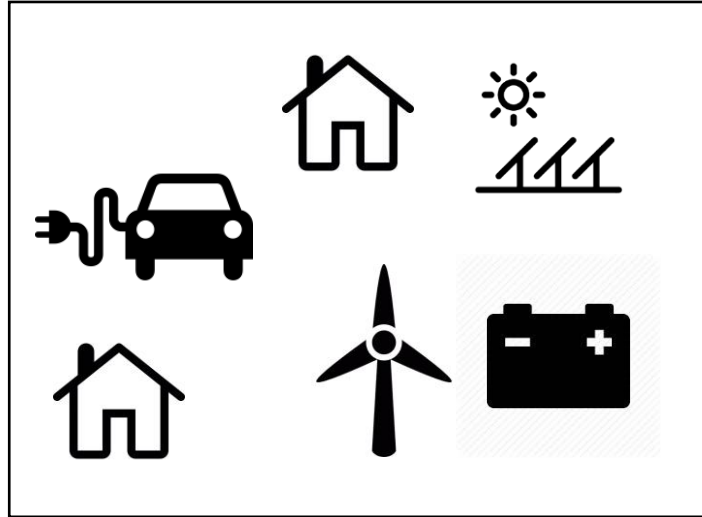
Smart and Widely-distributed Appliances for Renewable energy Management (SWARM)

Nabil Abdennadher - University of applied Sciences and arts, Western
Switzerland (HES-SO)

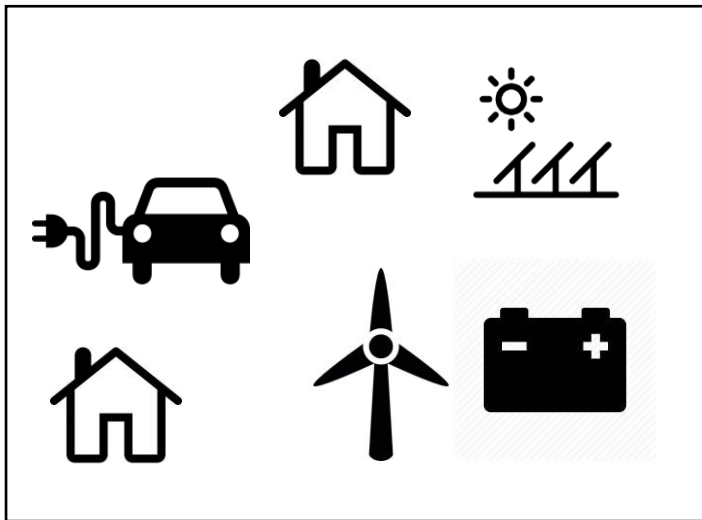




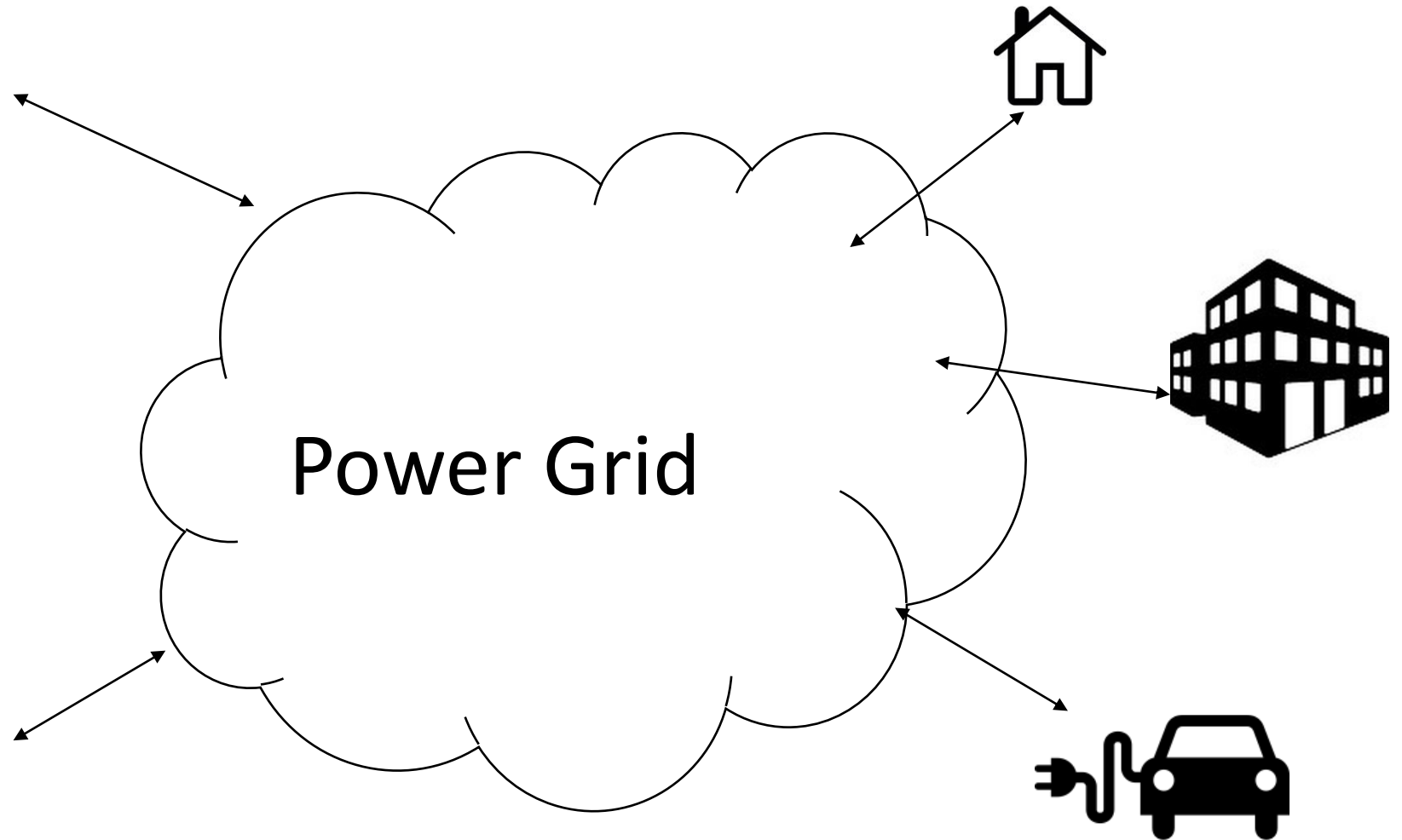
The electric power grid in ~5 years



Micro-grid infrastructure

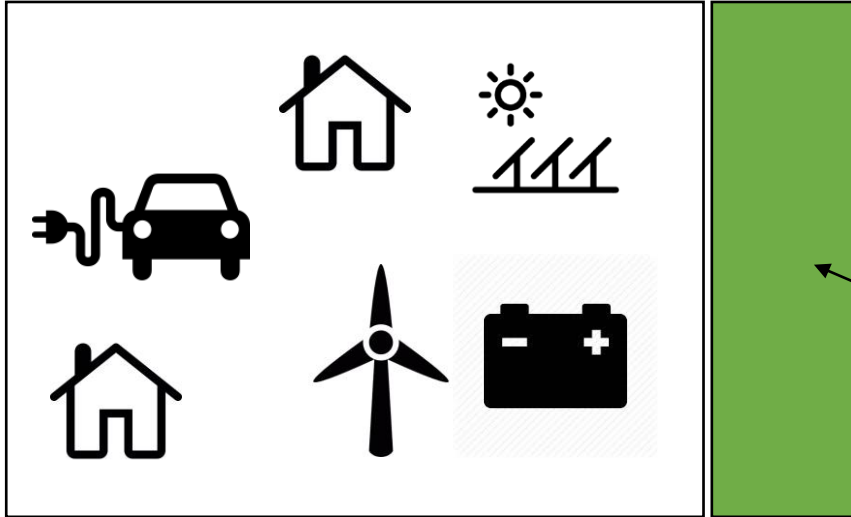


Micro-grid infrastructure

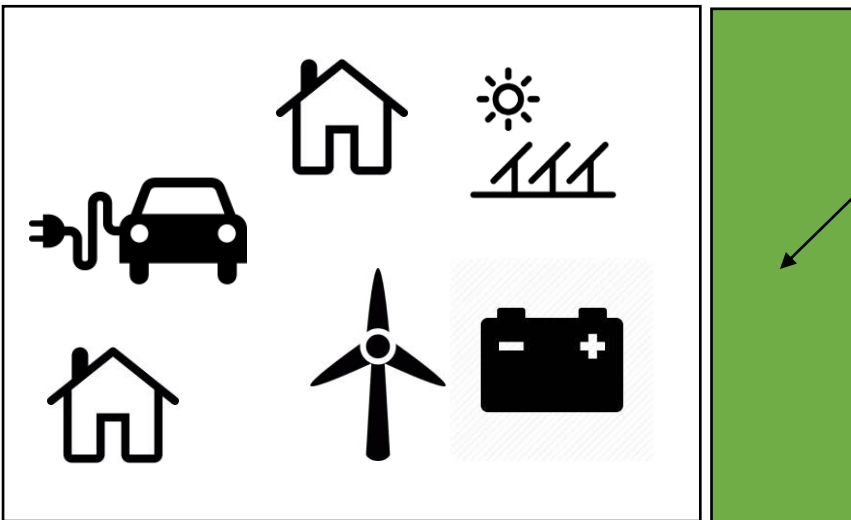


The SWARM vision

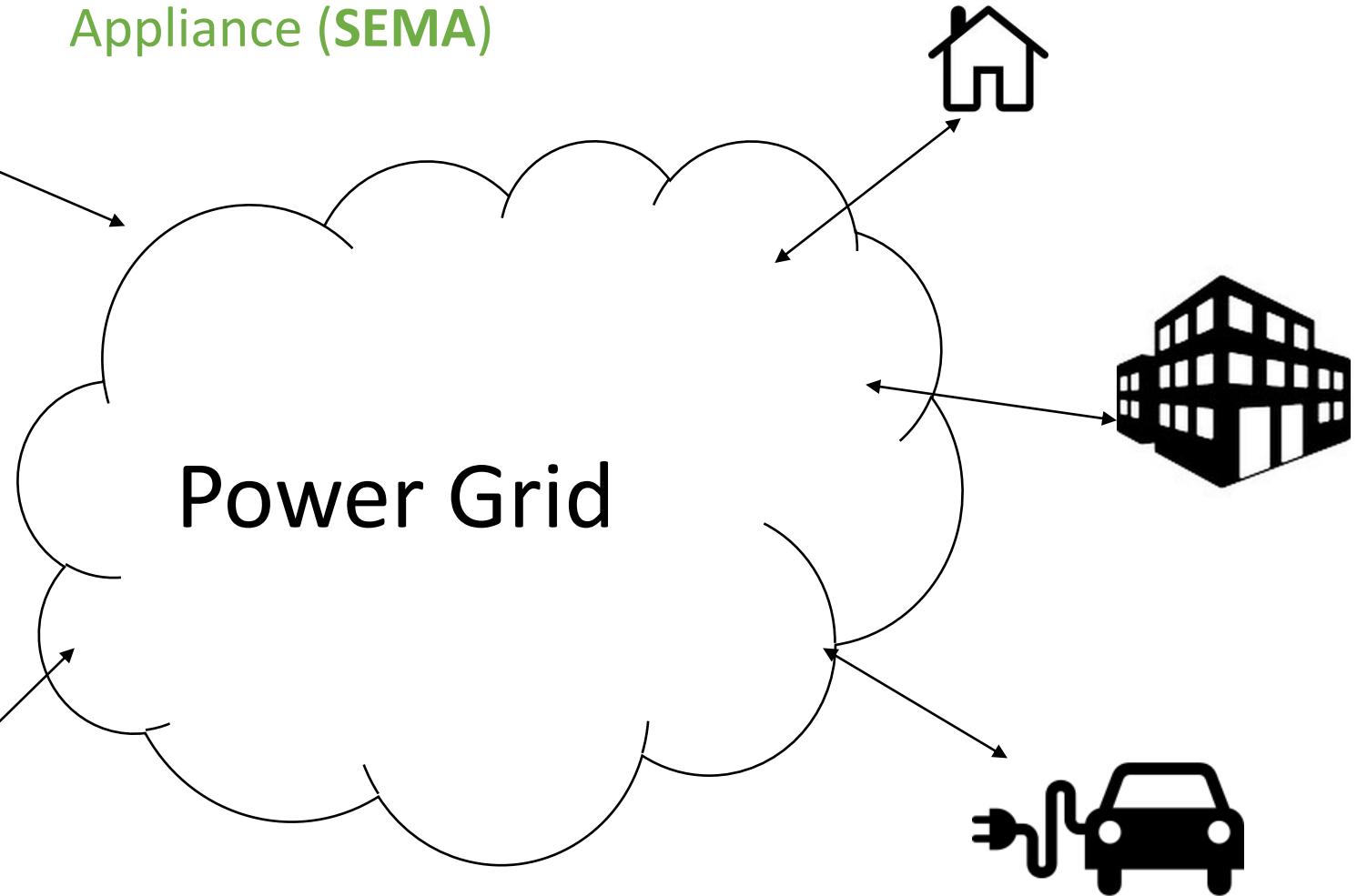
Smart Energy Management
Appliance (SEMA)



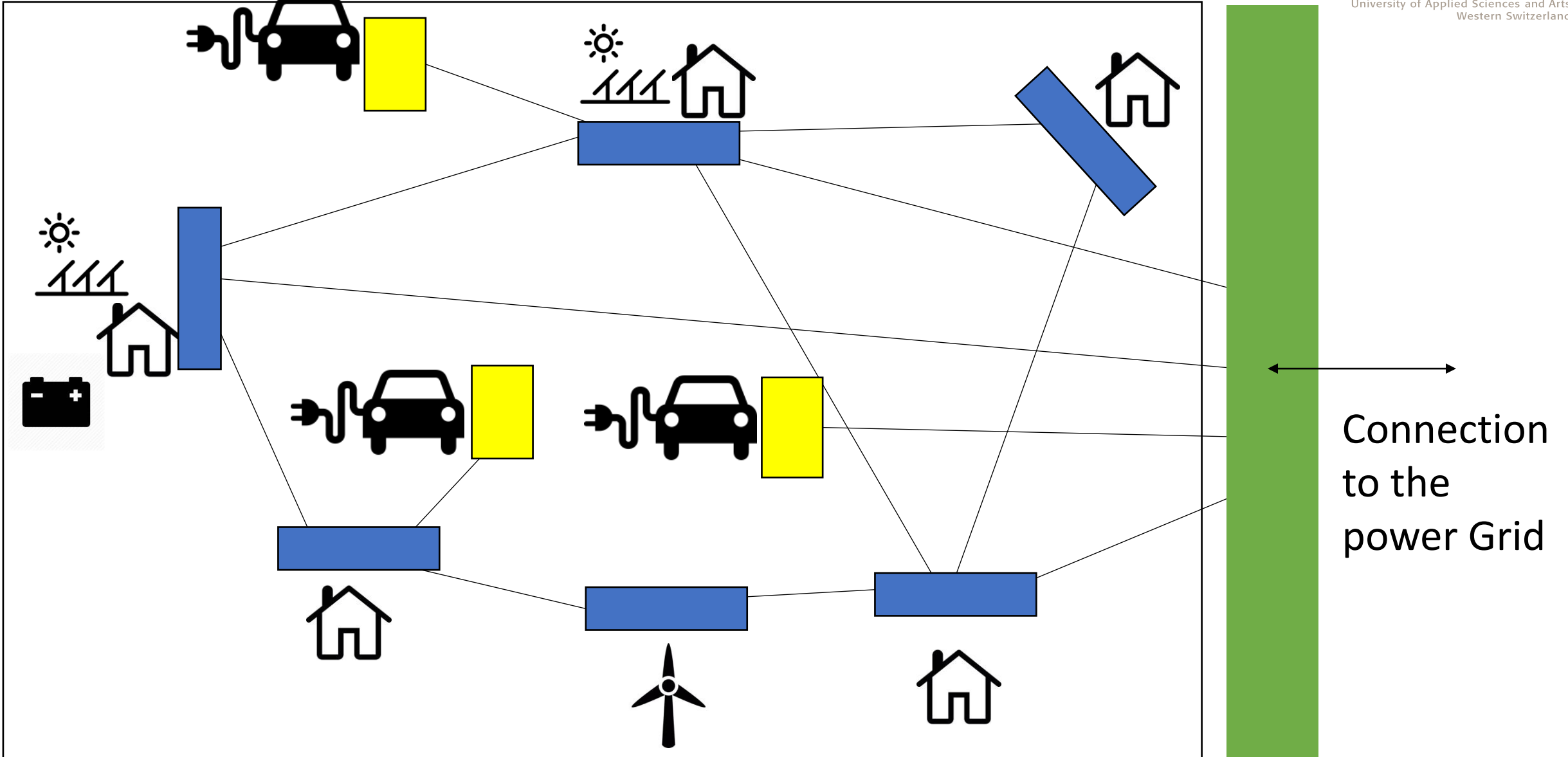
Micro-grid infrastructure

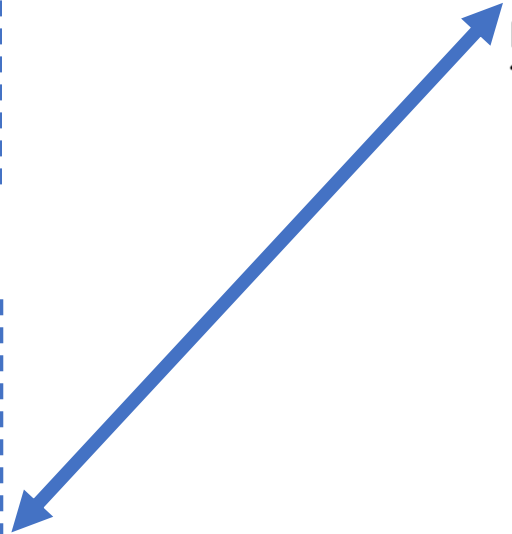
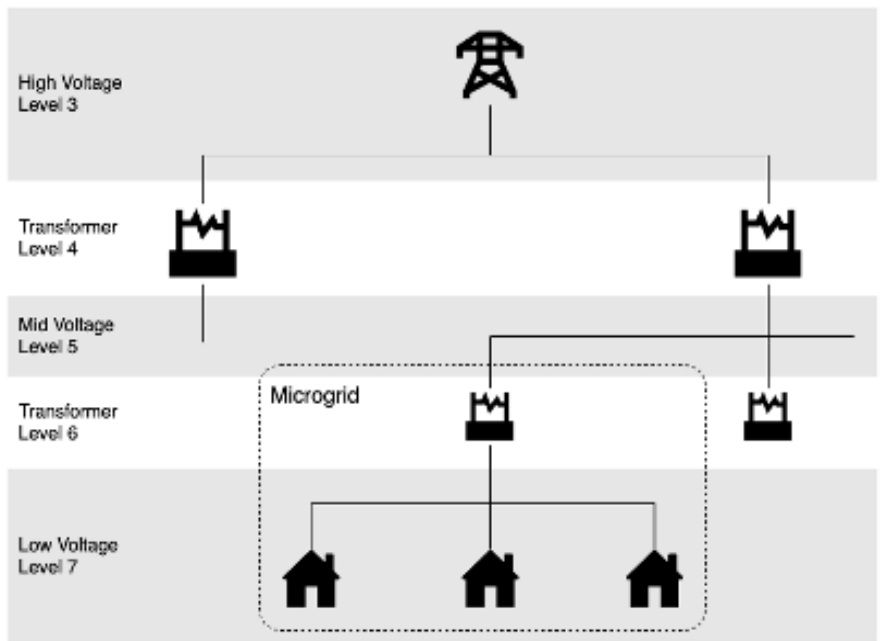
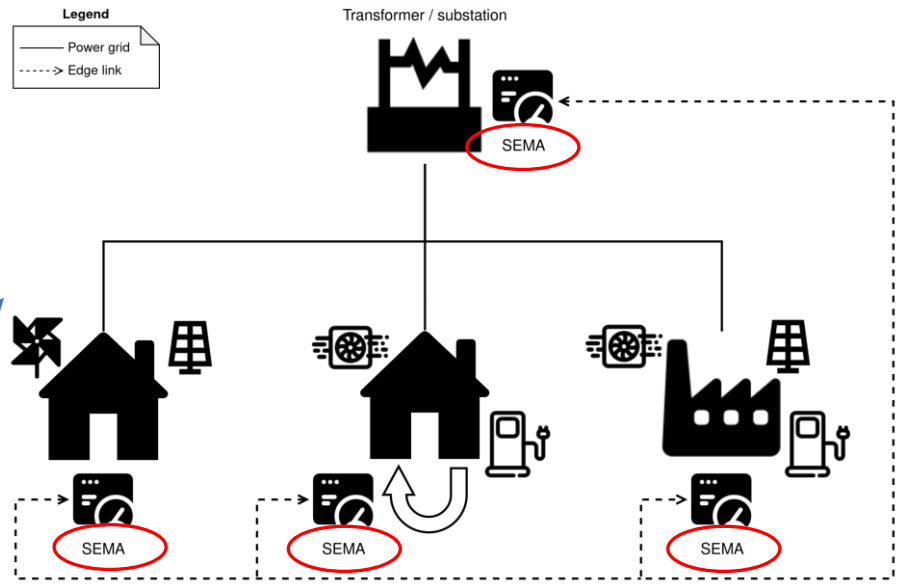
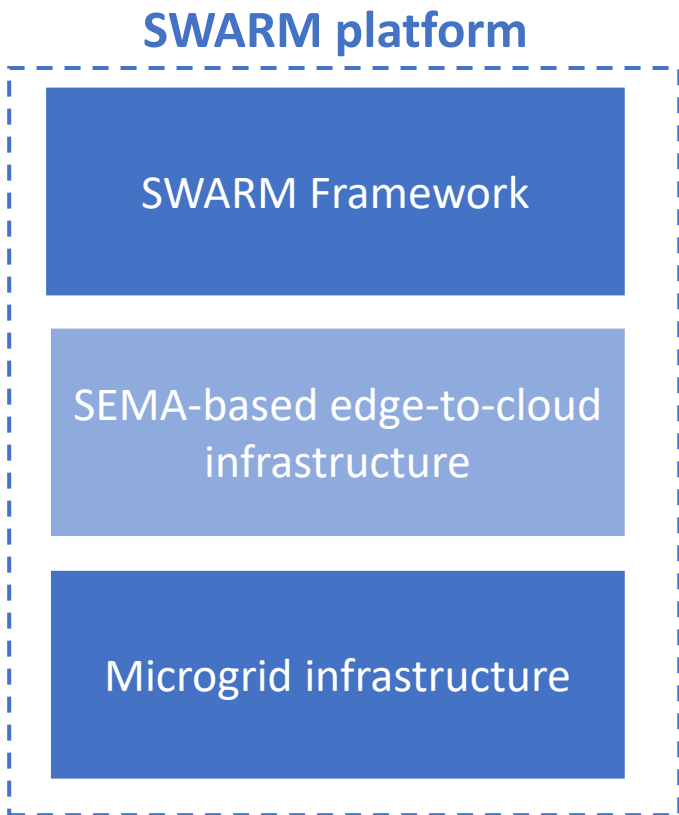
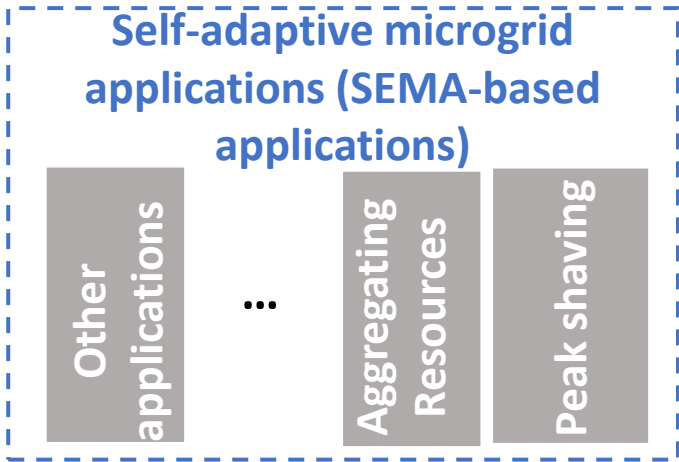


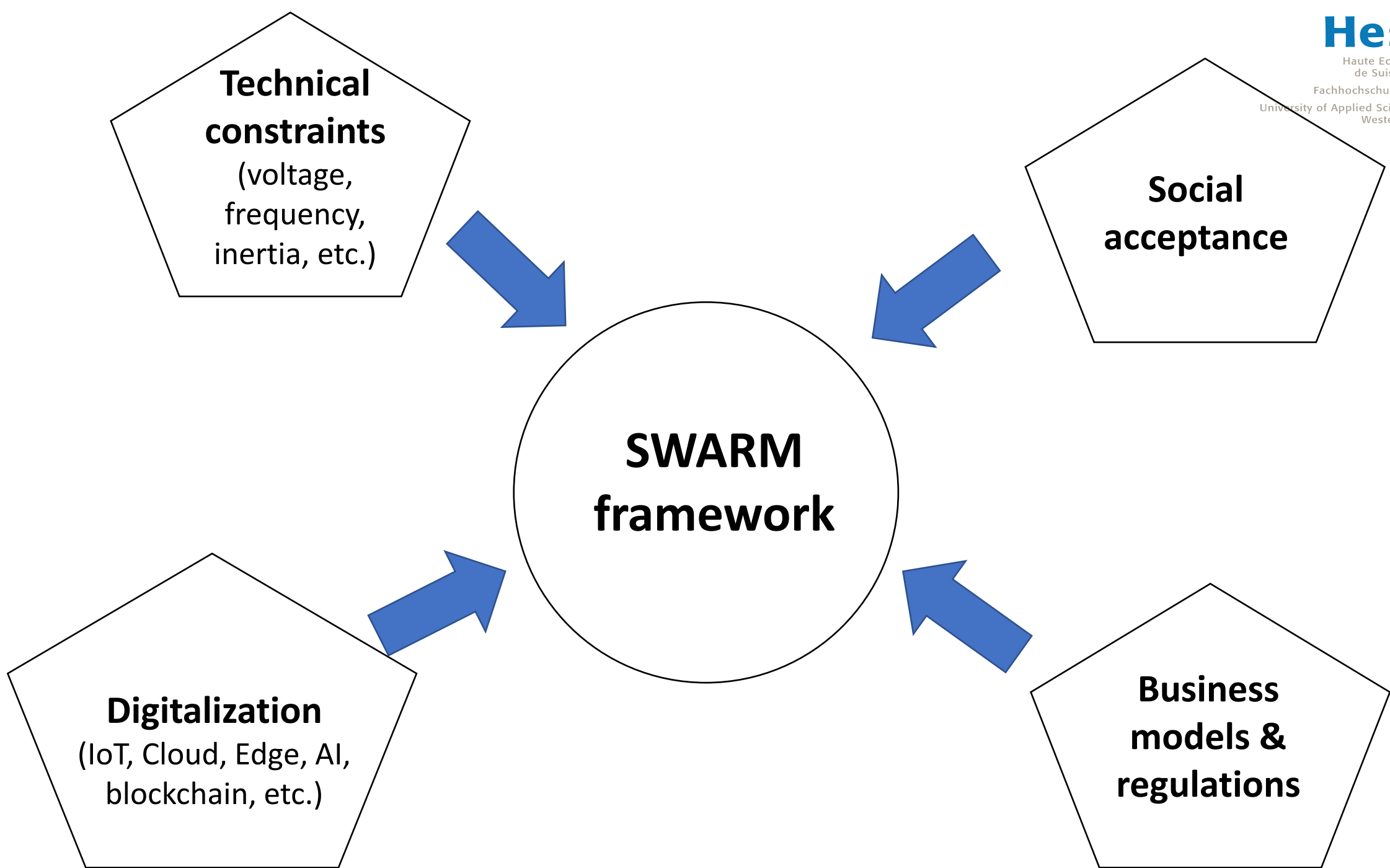
Micro-grid infrastructure

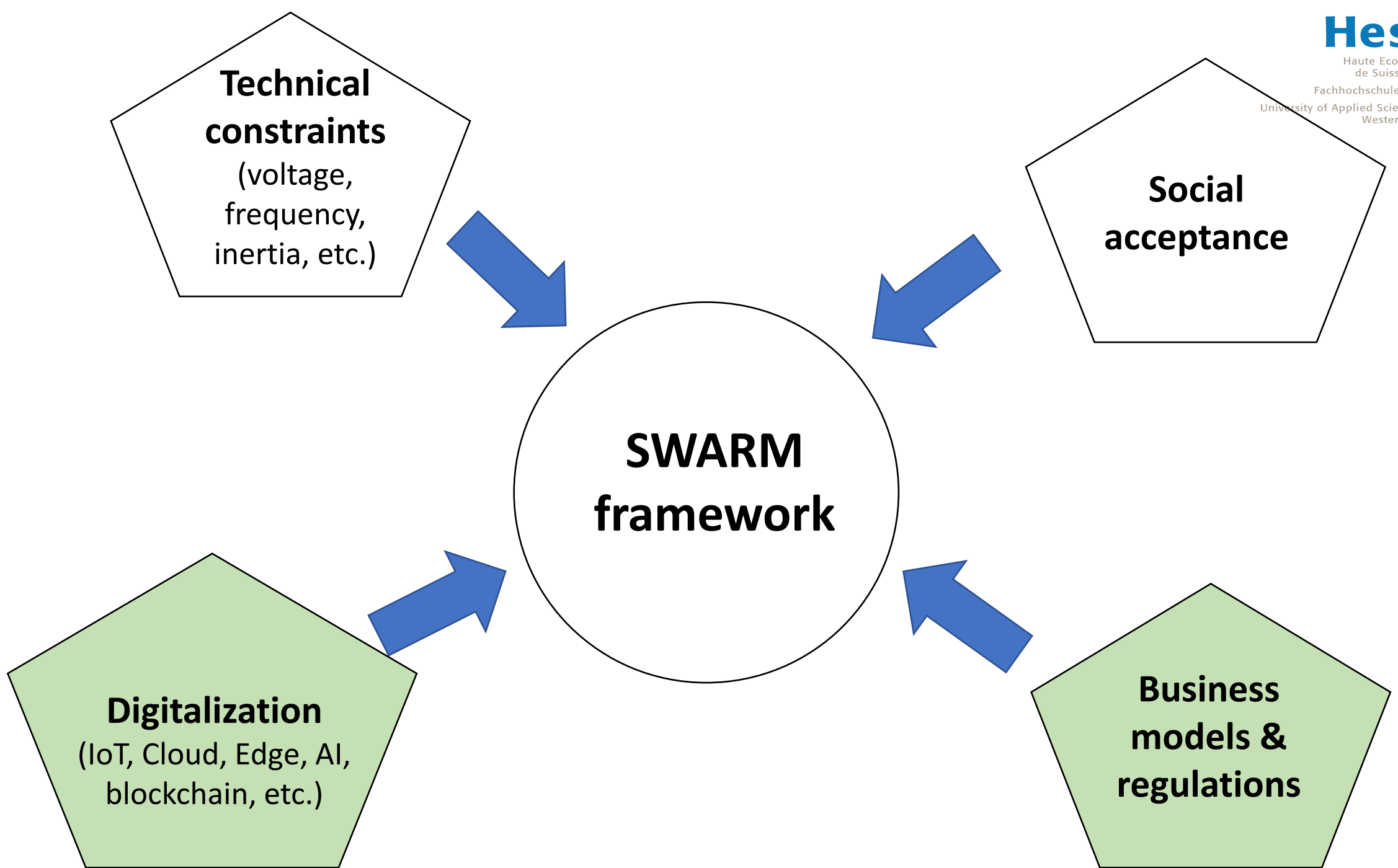


The SWARM vision

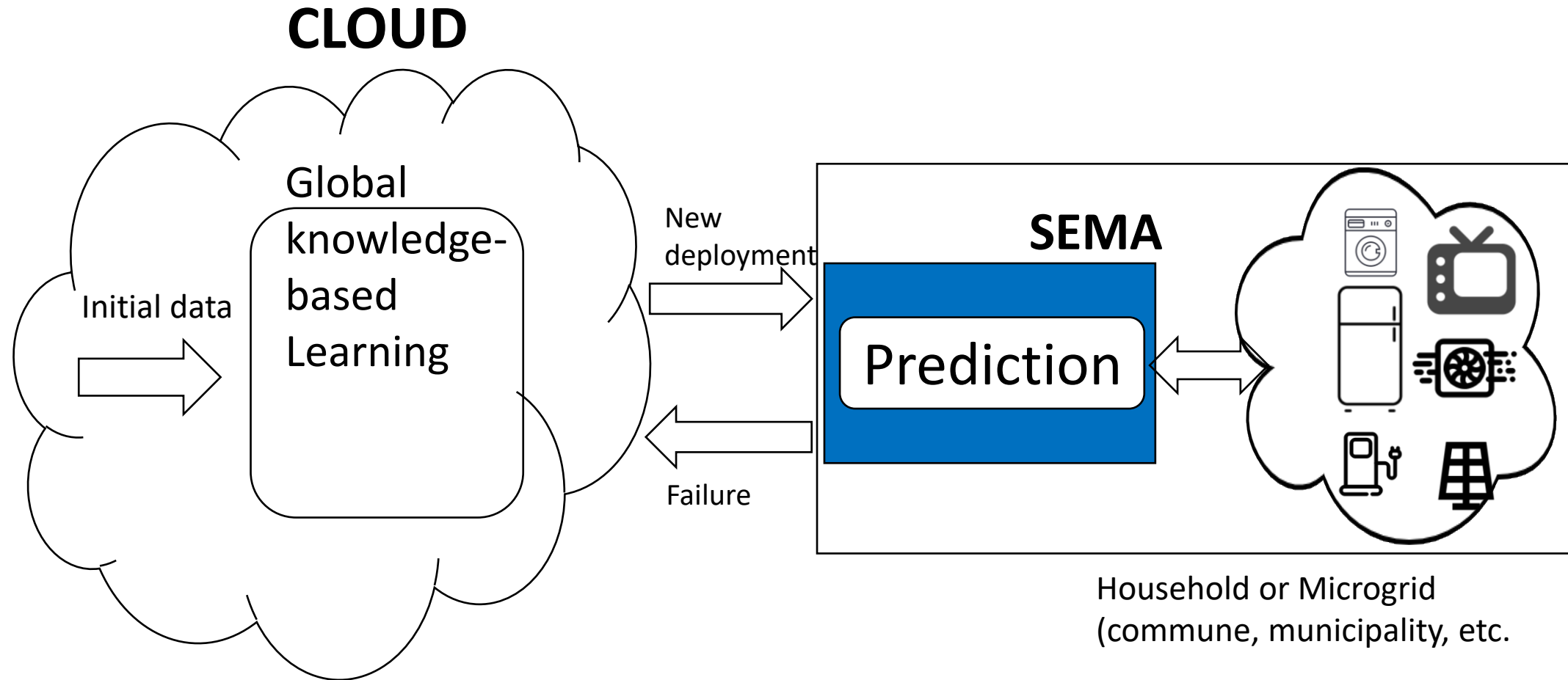




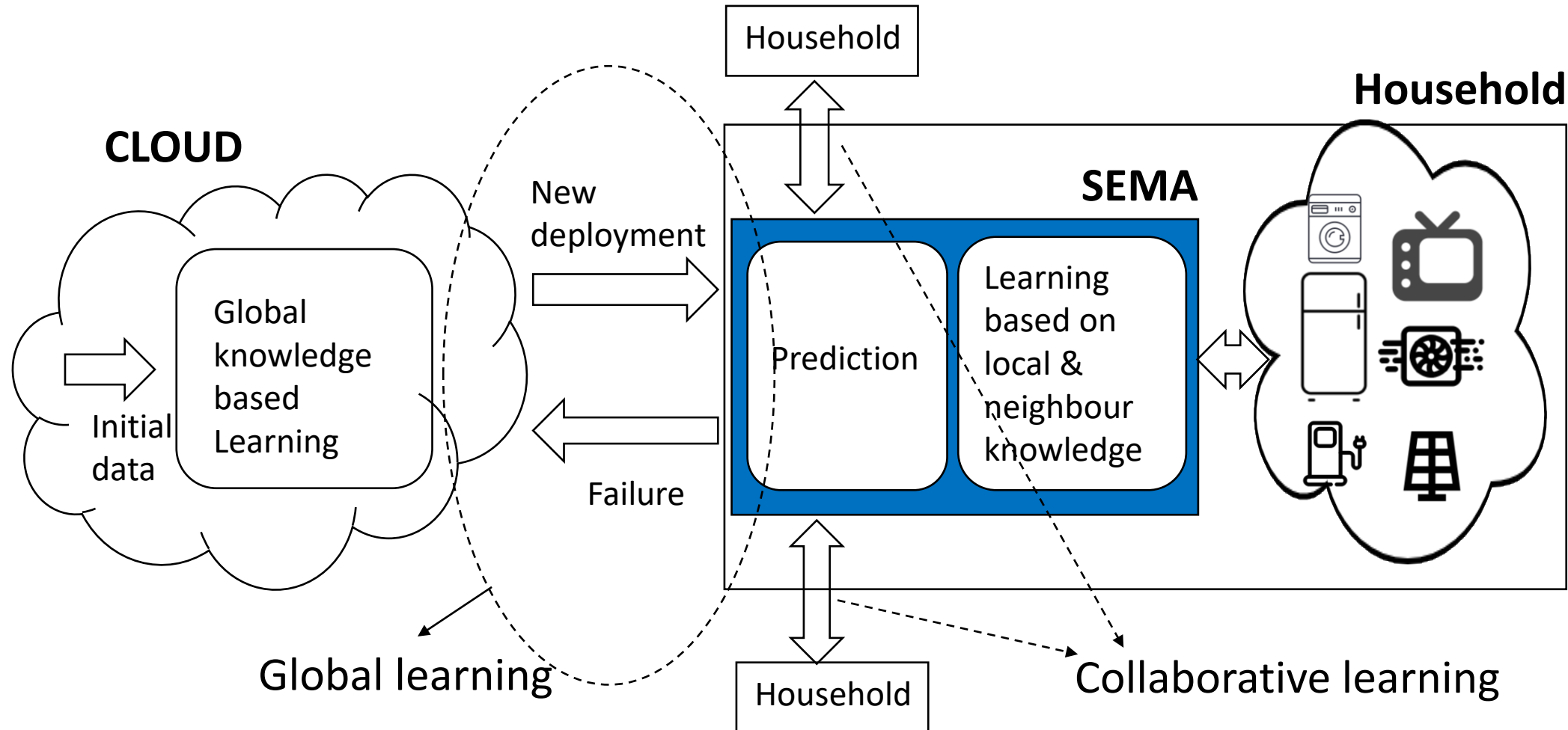




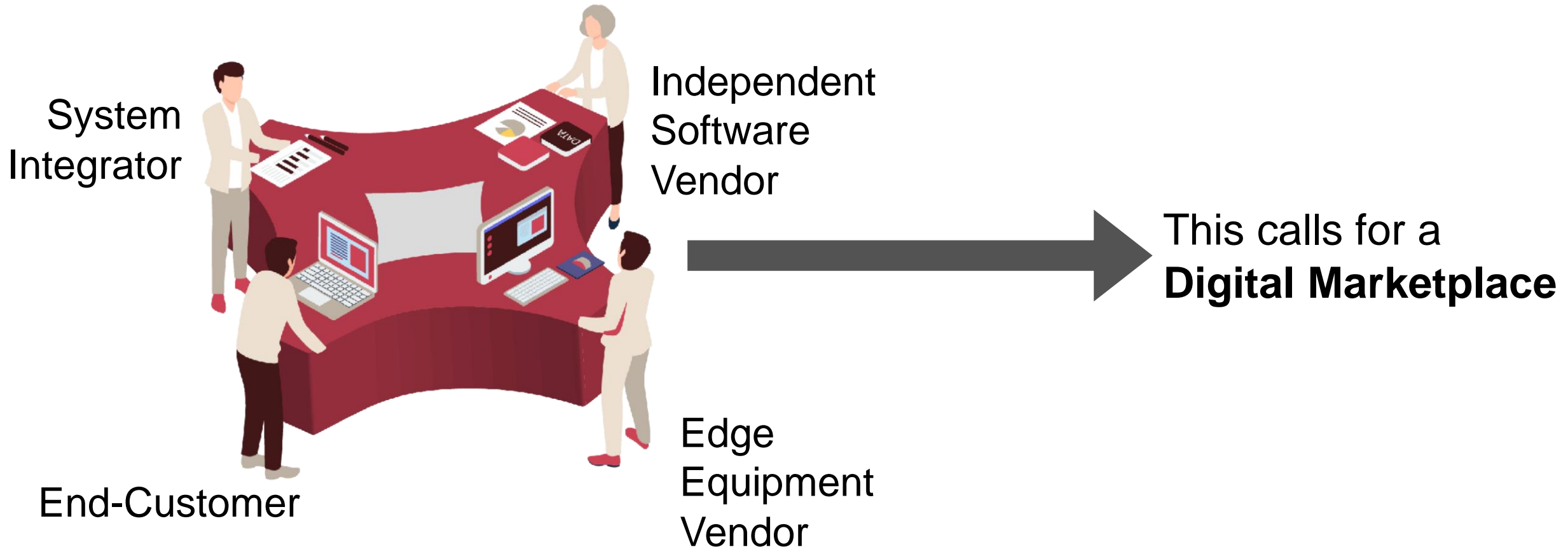
Self Adaptive and context-aware Intelligence



Self Adaptive and context-aware Intelligence



Marketplace platform



SWARM partners

Hes·SO

Haute Ecole Spécialisée
de Suisse occidentale

Fachhochschule Westschweiz

University of Applied Sciences and Arts
Western Switzerland



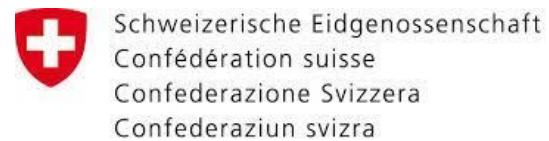
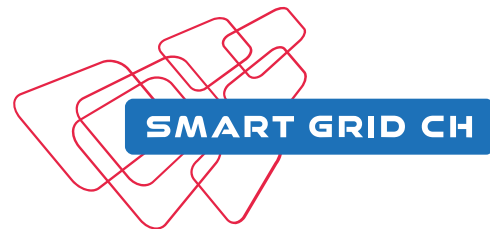
Hes·SO

Haute Ecole Spécialisée
de Suisse occidentale

Fachhochschule Westschweiz

University of Applied Sciences and Arts
Western Switzerland

SWARM Advisory Board



Swiss Federal Office of Energy SFOE

