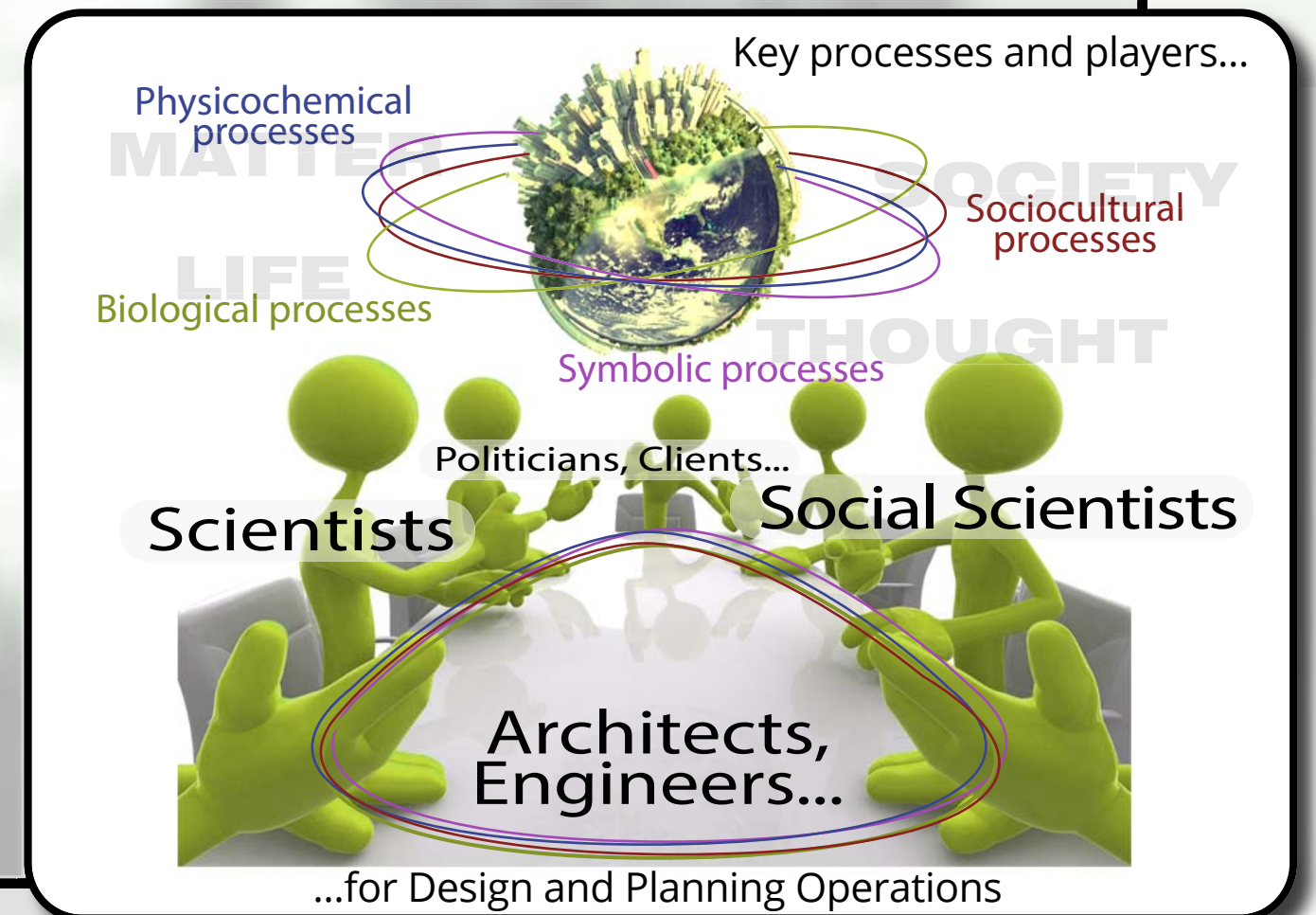
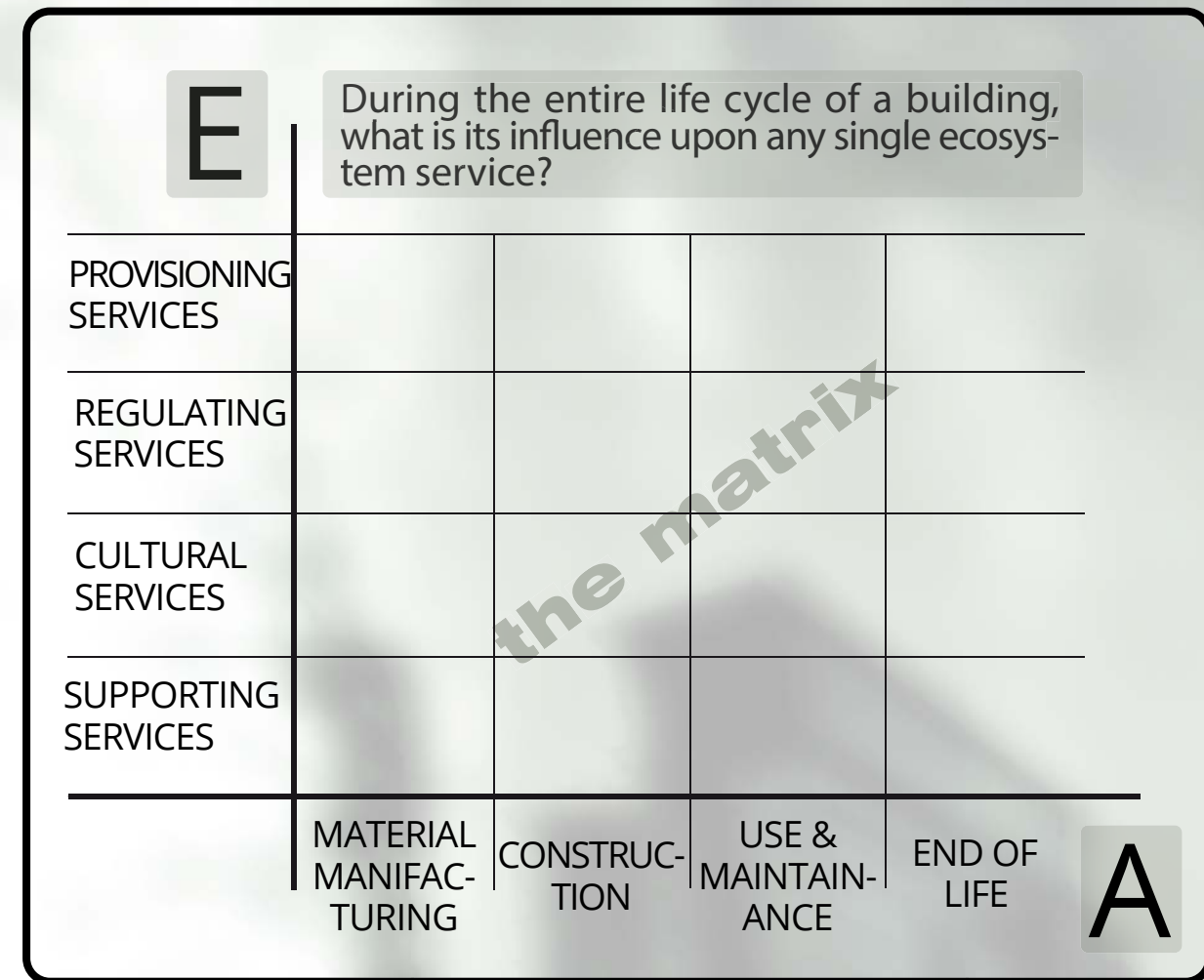


ECOSYSTEM SERVICES

PROVISIONING SERVICES		
Food	possible	greenhouses, urban farms
Fiber	possible	urban, building greenery
Fuel	not expected / possible	urban greenery
Genetic resources	possible	green corridors, patches
Bio chemicals, natural medicines...	not expected / possible	use of selected species
Ornamental resources	expected	parks, rooftop gardens
Fresh water	possible	water storage, reuse
REGULATING SERVICES		
Air quality regulation	expected	plants, natural materials
Climate regulation	expected	low energy/co2 building impact
Water regulation	expected	porous surfaces
Erosion regulation	expected	vegetative cover
Water purification and waste treatment	expected	living machine, design for disassembly
Disease regulation	not expected / possible	use of selected species
Pest regulation	not expected / possible	use of selected species
Pollination	possible	flowers, urban greenery
Natural hazard regulation	expected	preservation of natural areas
CULTURAL SERVICES		
Cultural diversity	possible	local techniques
Spiritual and religious values	possible / expected	habits integration
Knowledge systems	possible	local knowledge e.g. feng shui
Educational values	expected	diffuse biointegration
Inspiration	expected	biomimicry
Aesthetic values	possible / expected	integrate natural landscapes
Social relations	expected	consider local habits
Sense of place	expected	use of local materials
Cultural heritage	expected	building preservation
Recreation and ecotourism	expected	land conservation
SUPPORTING SERVICES		
Soil formation	expected	urban density / land savings
Photosynthesis	expected	green roofs
Primary production	possible / expected	urban greenery
Nutrient cycling	expected	urban, building greenery
Water cycling	expected	water pools
	EXPECTATIONS	EXAMPLES

ARCHITECTURE



'THE MATRIX': ECOSYSTEM SERVICES & ARCHITECTURE