

## SUPPLEMENTARY INFORMATION

### Consolidating the current knowledge on urban agriculture in productive urban food systems: learnings, gaps and outlook

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#### Supplementary information - Methodology of self-sufficiency studies (reference data)

Aspect	Sub-aspect	Feature	
Area determination	Extent of spatial analysis	3D + building information	
		3D	[3,10,17,19,20]
		2D + building information	[9]
		2D	[2,4-8,12,14-16,18,21,22]
		Literature or public information only	[1,11,13]
	Roof inclusion	Yes	[2,3,7,9-14,17,19,20]
		No	[1,4-6,8,15,16,18,21,22]
Yield assumptions	Growing technique	Soil-based or conventional	[2,4,6,7,9-22]
		(bio-)intensive	[1,2,8,11,12,16,19,21,22]
		Hydroponics	[3,5,11,12,17,19,20]
		Aquaponics	
	Determination	Self-determination or from ongoing projects	[5,6,9,17,21,22]
		Literature UA-specific	[1,2,3,5,8,11,12,19,20]
		Conventional / FAOstat	[2,4,7,10,12-16,18]
	Growing conditions	Yield spread equally over the year	[1-4,6,7,9-15,18-20]
		Climate (e.g. sunhours, temperature, seasons)	[5,8,16,17,21,22]
Demand figures	Individual consumption	Actual (typically below recommendations)	[1-3,5,7-9,11,13-17,20]
		Recommended intake	[4,6,10,12,15,18,19,21,22]
	Crops considered	Vegetables	[1,3-5,9,12-16,22]
		Fruit & vegetables	[2,8,10,17,19-21]
		All foods / multiple food types	[7,11,18]
		individual crops	[6]
Broader considerations	Supply chain	Yes	[5,9]
		No	[1-4,6-8,10-22]
	Integration with urban resources	Yes	[2,9,10]
		No	[1,3-8,11-22]
	Environmental impacts	Yes	[1-3,5-7,9,10,17]
		No	[4,8,11-16,18-22]
	Social impacts	Yes	[2,4,6,9]
		No	[1,3,5,7,8,10-22]
	Economics	Yes	[7,9,10]
		No	[1-6,8,11-22]

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