



NL Agency
*Ministry of Economic Affairs,
Agriculture and Innovation*

Country update Biogas Emissions: Netherlands

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» *Focus on sustainability,
innovation and international*





METHANE EMISSIONS IN BIOGAS PRODUCTION

An integrated view based on current literature

Overview of methane emissions in the biogas chain

Based on 21 sources in literature

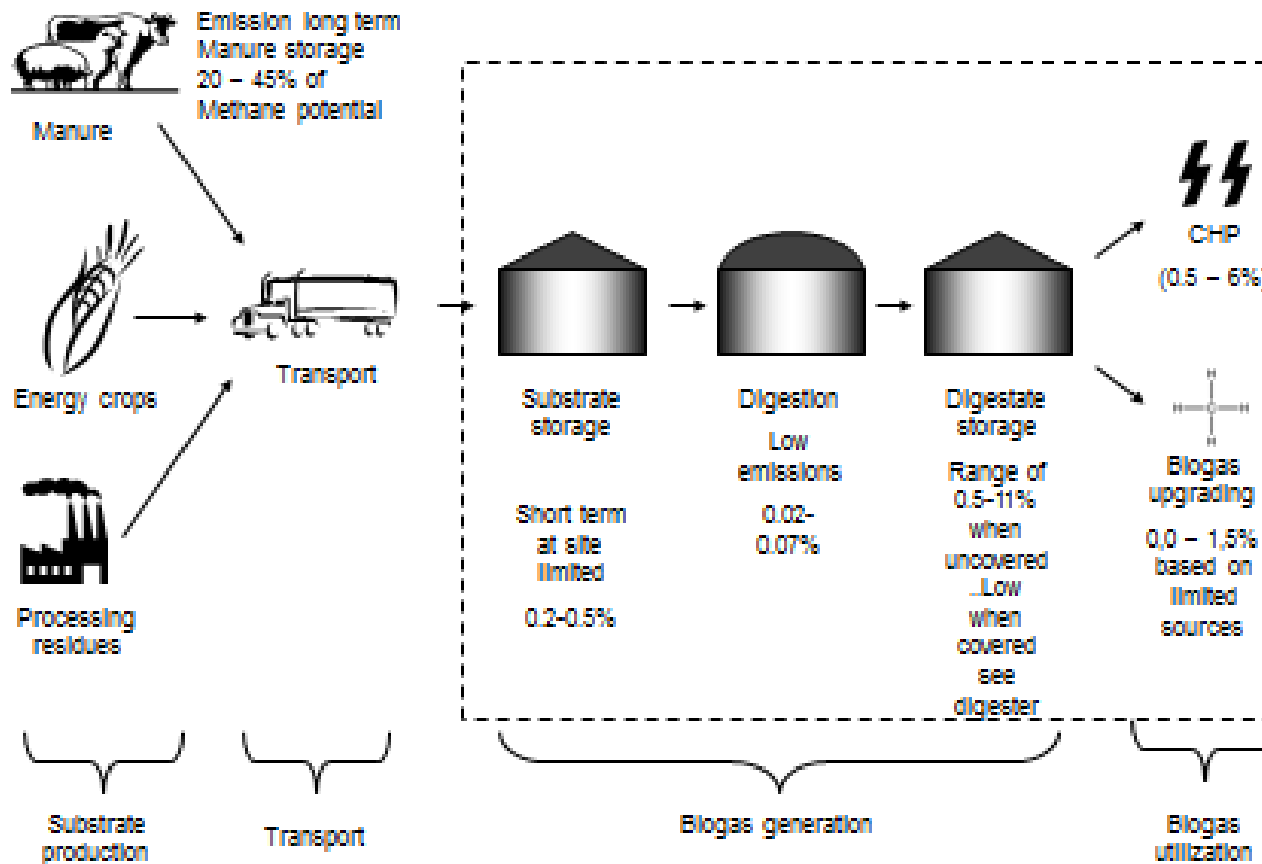


Overview methane emissions in the production chain

Reference number	Storage substrates	Digestion	CHP	Upgrading	Storage digestate	Overall plant
1 (Flesch)						X
2 (Liebertrau)	x	x	x	x	x	
3 (Liebertrau)	x	x	x	x	X	
4 (Amon)	x				x	
5 (Rylander)						
6 (Rylander)						
7 (Vonk)						
8 (Woess-Gerlasch)			x		x	
9 (Woess-Gerlasch)			x		x	
10 (Büeler)		x				
11 (Büeler)		x				
12 (Frantz)						
13 (Olthuis / KEMA)			x			
14 (Engelsen / KEMA)			x			
15 (Olthuis / KEMA)			x			
16 (de Zwart)			x			
17 (Kristensen)			x			
18 (Zwart)	x				x	
19 (Burgstaler)					x	



Total results





Graphical overview min-max CH₄-emissions in the chain

