## Advisory for biomass potential map development

## Main, by-products, residues





ID	BLL			
Biomass	Black liquor			
Raw material	. Wood			
Production process	Pulp production			
Definition	Black liquor is a byproduct of pulp production. It results in the			
	separation of lignin and cellulose, and is a mixture of lignin, water and			
	the chemicals that are used for the extraction.			
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CALCULATION				

Categorization	
Level-5	Forestry biomass
Level-4	By-products from forestry and wood industries
Level-3	Industrial waste wood
Level-2	

Contact	the chemicals that are used for the extraction Aleksandar Mrkobrada aleksandar.mrkobrada@gmail.com Mersudin Avdibegović, mavdibegovic@gmail.com				
	CALCULATION				
	Annual pulp production (t DM / year)				
	Ratio of pulp and black liquor production				
	Theoretical biomass potential (t DM/year)				
	Technical biomass potential (t DM/year)				
	Process-based energetic utilization (%)				
	Energetic utilization (t DM/year)				
	Technical biomass potential in use (t DM/year)				
	Unused technical biomass potential (t DM/year)				

Responsible	Source of data	Update	Data quality	Spatial level
[3-5]	Expert Assessment [1]	Annual		М
[3-5]	Literature [2]	One-time		ı

## **Explanation & Sources:**

M = Municipality; E = Entitiy; N = National; I = International

- [1] refer to Appendix 3
  [2] Thrän et al. (2016)
  [3] Ministry of Industry
  [4] Institute of Statistics (2017)
  [5] Federal Office of Statistics (2012); Institute for Statistics FBiH (2017)

dynamic calculation element