

**Research Article:**

**CARACTERISTICI ALE BRICHETELOR DIN  
STUF – RESURSĂ REGENERABILĂ DE  
BIOMASĂ DIN DELTA DUNĂRII**

**CHARACTERISTICS OF REED  
BRIQUETTES – BIOMASS RENEWABLE  
RESOURCE OF THE DANUBE DELTA**

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**BIBLIOGRAFIE / REFERENCES**

BIEMANS, M., WAARTS, Y., NIETO, A., GOBA, V., JONES-WATTERS, L., ZUCKLER, C. (2008). Impacts of biofuel production on biodiversity in Europe. ECNC – European Centre for Nature Conservation, Tiburg, the Netherlands. Final Report.

BUDĂU, G., CÂMPEAN, M., COȘEREANU, C., LICA, D. (2011). Reed Plant Biomass as Renewable and Low-Polluting Energy Resource, Environmental Engineering and Management Journal, vol.10, nr.8, august 2011, ISSN 1582-9596, pp. 1053-1057.

COȘEREANU, C., BUDĂU, G., LICA, D., LUNGULEASA, A., GHEORGHIU, C.R. (2011). Technological Potential of Reed as Biomass for Briquetting, Environmental Engineering and Management Journal, vol.10, nr.8, august 2011, ISSN 1582-9596, pp. 1127-1132.

ISPAS, M., BUDĂU, G., CÂMPEAN, M. (2009). Clean energy from secondary resources of wooden biomass, the 6th International Conference on the Management of Technological Changes, Alexandroupolis, Greece, September 03-05, Management of Technological Changes, vol. 2, pp. 97-100.

KOMULAINEN, M., SIMI, P., HAGELBERG, E., IKONEN, I., LYYTINEN, S. (2008). Reed energy possibilities of using the Common Reed for energy generation in Southern Finland. Reports from Turku, University of Applied Sciences 67, ISBN 978-952-216-029-4, ISSN 1457-7925.

KUKK, L., ROOSTALU, H., SUUSTER, E., ROSSNER, H., SHANSKIY, M., ASTOVER, A. (2011). Reed canary grass biomass yield and energy use efficiency in Northern European pedoclimatic conditions, Biomass and Bioenergy, Volume 35, Issue 10, 15 October 2011, pp. 4407-4416.

LUNGULEASA, A., BUDĂU, G., COȘEREANU, C. (2010). Density and Compression Strength of Beech and Spruce Briquettes, PRO LIGNO, vol. 6, nr. 3, 2010, ISSN 1841-4737, pp. 61-66.

OZOLINČIUS, R., VARNAGIRYTĖ-KABAŠINSKIENĖ, I., STAKĖNAS, V., MIKŠYS, V. (2007). Effects of wood ash and nitrogen fertilization on Scots pine crown biomass, Biomass and Bioenergy, Volume 31, Issue 10, October 2007, pp. 700-709.

ROLEA, G.G., CIOCEA, G., ION, V.I., POPESCU, F. (2010). The use of reed briquettes in a domestic heat, International Conference on Development, Energy, Environment, Economics (DEEE '10), Puerto De La Cruz, Tenerife November 30 - December 2, 2010, Published by WSEAS Press Press www.wseas.org, ISSN 1792-6769, ISBN 978-960-474-253-0, pp. 403-406.

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