Supporting Information

Rice Husk Derived Porous Silica as Support for Pd and CeO₂ for Low Temperature Catalytic Methane Combustion

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Table S1. Elemental content of the RHS support determined by ICP-OES (without oxygen).

Element	Amount / wt %
Si	98.29
Ca	0.62
Р	0.29
K	0.21
Al	0.20
S	0.15
Mg	0.12
Na	0.05
Cu	0.01
Zn	0.01
Mn	0.05
Ti	Traces
Cr	Traces



Figure S1. EDX analysis of fresh 0.6Pd/CeO₂/RHS.



Figure S1. (continued)



Figure S2. EDX analysis of spent 0.6Pd/CeO₂/RHS.



Figure S3. Electron microscopy: TEM image of catalyst 0.6Pd/CeO₂/RHS (fresh),

overview.



Figure S4. The XRD pattern of RHS.