

## Towards Harnessing Local Resources in Sustainable development technology

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The seminar is devoted to the valorization of local resources in sustainable development technology. The first part reviews result concerning valorization of local natural clays with appropriate texture and chemical composition containing mainly aluminosilicates as well as mixture of minerals. Such features enable applications not only as adsorbent but also as catalyst with interesting intrinsic properties. Of interest also, the original aspect regarding easy extrusion as honeycomb monolith and related advantages which may help moving ahead towards industrial applications.

Will be presented also result showing the potential of Argan fruits shells valorization in context of circular economy, as precursor for activated carbons for servals applications; such as sorbent for CO<sub>2</sub> capture and H<sub>2</sub>S removal as well as electrodes for energy storage devices; supercapacitors.



Photos of Argan fruit shells as precursor for supercondensator electrodes and honeycomb monolith extruded using local clay.

## References

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