

Realization of a low carbon society through game changing technologies

Making full use of the potential of cellulose nanofibers through multistep bottom-up structural controls

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Summary :

- A system of technology for exploiting the potential of CNFs has not been established, so that full-scale practical application of CNFs is still hindered.
- We precisely control the surface structure, arrangement, and assembly of CNFs for making full use of the CNF potential in next-generation, structured CNF-based materials.
- Reducing 6.59 million ton of CO₂ emissions a year

