

Coldins Oy
Haapalankatu 1A
15240 Lahti, Finland

30 January 2025

Re. Request for initial exchange

To Whom It May Concern,

The warming climate has significantly increased the global demand for electric air conditioning systems. Over the past decade, the number of air conditioning units worldwide has grown exponentially. Currently, air conditioning systems account for approximately 10% of the world's electricity consumption. In response to this growing challenge, Coldins Oy has developed and patented an innovative solution for regions with hot climates, enabling existing insulation materials to naturally cool indoor air whilst reducing the need for air conditioning.

Our patented method has been shown to reduce indoor temperatures by up to 20% overnight, in ideal conditions. For example, it can lower room temperatures from 30°C to 24°C, significantly cutting the need for electrical cooling systems. This presents a remarkable environmental benefit on a global scale. Additionally, Coldins' solution allows for up to a 70% reduction in insulation material usage, further contributing to resource conservation.

Currently, Coldins Oy is in the process of negotiating licensing agreements with major insulation manufacturers. Notably, Coldins does not produce insulation materials, nor has it developed new materials. Instead, we offer a method for modifying existing insulation products to enhance their performance in hot climates.

As part of our next step, Coldins will be piloting its insulation technology in the Gulf region to validate and certify its design for commercial deployment. This field experiment is a crucial part of our efforts to establish market readiness and foster strategic partnerships in the region. We have allocated a budget of €350,000 for the pilot, with funding support from Business Finland.

We invite interested parties to participate in this pilot project and are open to discussions about potential collaborations. Coldins CEO and CTO will be visiting the Gulf region between 10 and 21 February 2025. During this visit, we would like to meet with stakeholders across the insulation material value chain, including constructors of indoor-climatized buildings (e.g., aquafarming, hydroponic farming, cricket farming, data centers), building engineers, and local manufacturers of insulation materials. We are also eager to engage with local authorities to better understand the business climate and explore how to establish operations in the region. Additionally, we welcome meetings with local real estate investors, developers, and architects.

We are seeking like-minded individuals and organizations committed to combating climate change and interested in exploring our groundbreaking insulation technology. If you are interested in scheduling an appointment, please contact Mr. Baptiest Mol, CEO of Coldins Oy, via email at baptiest.mol@coldins.com or by phone at +358 41 315 7446.

Thank you for your consideration, and we look forward to the opportunity to meet with you soon.

Kind regards,

Baptiest Mol
CEO, Coldins OY