



INVESTOR INFORMATION SHEET

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Investment opportunity in a new innovative segment with a promising return

Our solution brings a new way to recycle used air filters and technological residues from their production. Thanks to an **internationally protected patent**, we transform the difficult-to-recycle material, which today ends up as waste, into **premium insulation material** and **pure granular activated carbon**. The process is carried out without combustion, energy-saving, in accordance with the principles of the circular economy.

Market and ecological benefit

- The market for air filters made of non-woven fabrics and the market for activated carbon have been growing exponentially for a long time and have reached a turnover **of tens of billions of euros per year**
- The technology helps to reduce the need for primary carbon commodity, thereby limiting the pressure on monoculture plantations and reducing the emissions associated with its production
- The resulting products are intended for use in building and construction industry, conventional industry, automotive, acoustic and hygiene applications, but also for filter manufacturers or waste recycling centers

What is created?

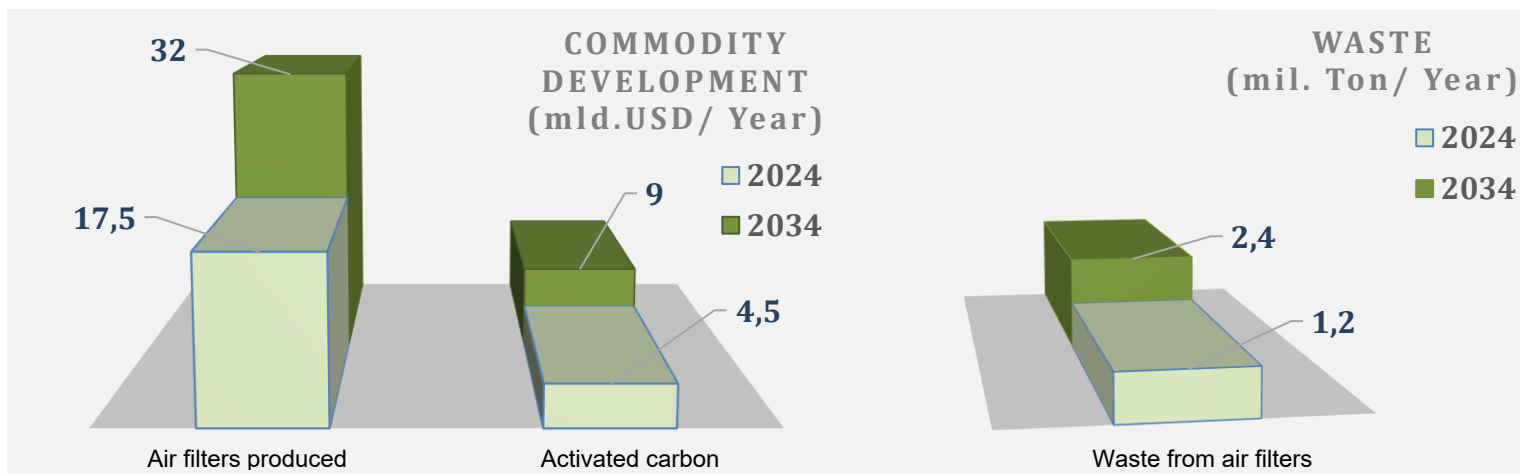
- **Insulation material** with excellent thermal, acoustic, antivibration and hygienic properties: non-absorbent, antibacterial, anti-allergic, with zero mold growth, absorbs odors and dust
- **Granulated activated carbon** that can be reused in filters or in other industries
- A closed cycle where the waste is used to reborn of a new raw materials with higher value added.

Why to invest?

- Territorial validity of patents: EU, USA, China, India, Mexico, Great Britain...
- The patent covers **the method, the proven technology and the product** – high competitiveness.
- Two products for sale from one input = attractive business model
- The solution is easily **scalable** and **adaptable** (stationary or mobile units directly at the waste source)
- Significant **ESG dimension**: waste recycling, lower carbon footprint, **support for circular economy**

Who is our highly valued investment partner?

We are looking for an **investor** who will **buy the patent** with the know-how, and who can **further develop and commercialize the technology** on a large scale. Alternatively, a **licensing is possible**, but our main intention is to find a buyer who will acquire the entire solution and exploit its full potential.



Illustrative example, proposal

Demonstration of the economic potential of the technology for a capacity of **1 million tons of processed material per year**. Conservative price estimation is used.

Revenue (mil. USD/ year)	
Insulation (750 000 t)	750
Activated carbon (250 000 t)	750
Total	1.500

Costs (mil. USD/ year)	
Depreciation (10 yrs.)	180
Energy	100
Labor cost	370
Logistics and other costs	100
Total	750

Economy	
Profit before tax	750 mil. USD
Profit margin	50 %
ROI	2,3 year

GREEN BONUS

Payments by waste producers for waste collection

Additional revenues: **+ 50 to 100 mil. USD/ year**

ROI "green": **2 years**

Summary

The model shows that this is a **high-margin, fast-return** project that generates **stable cash flow** from **customer-attractive products** while benefiting from **green payments**. This makes the **technology a unique combination of protected intellectual property, a sustainable solution, and a fast return on investment**, which is extremely rare in the investment market.

About us:

CARAC, s.r.o. is a research and development centre specializing in the management of complex, high-value innovative projects, driven by a commitment to ESG principles, safeguarded by intellectual property. The company holds a Certificate of competence to conduct research and development, issued by Ministry of Education, Science and Research, No.: 2023/10711:2-D1230.

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