

Making your world a quieter place





CDM - Making your world a quieter place

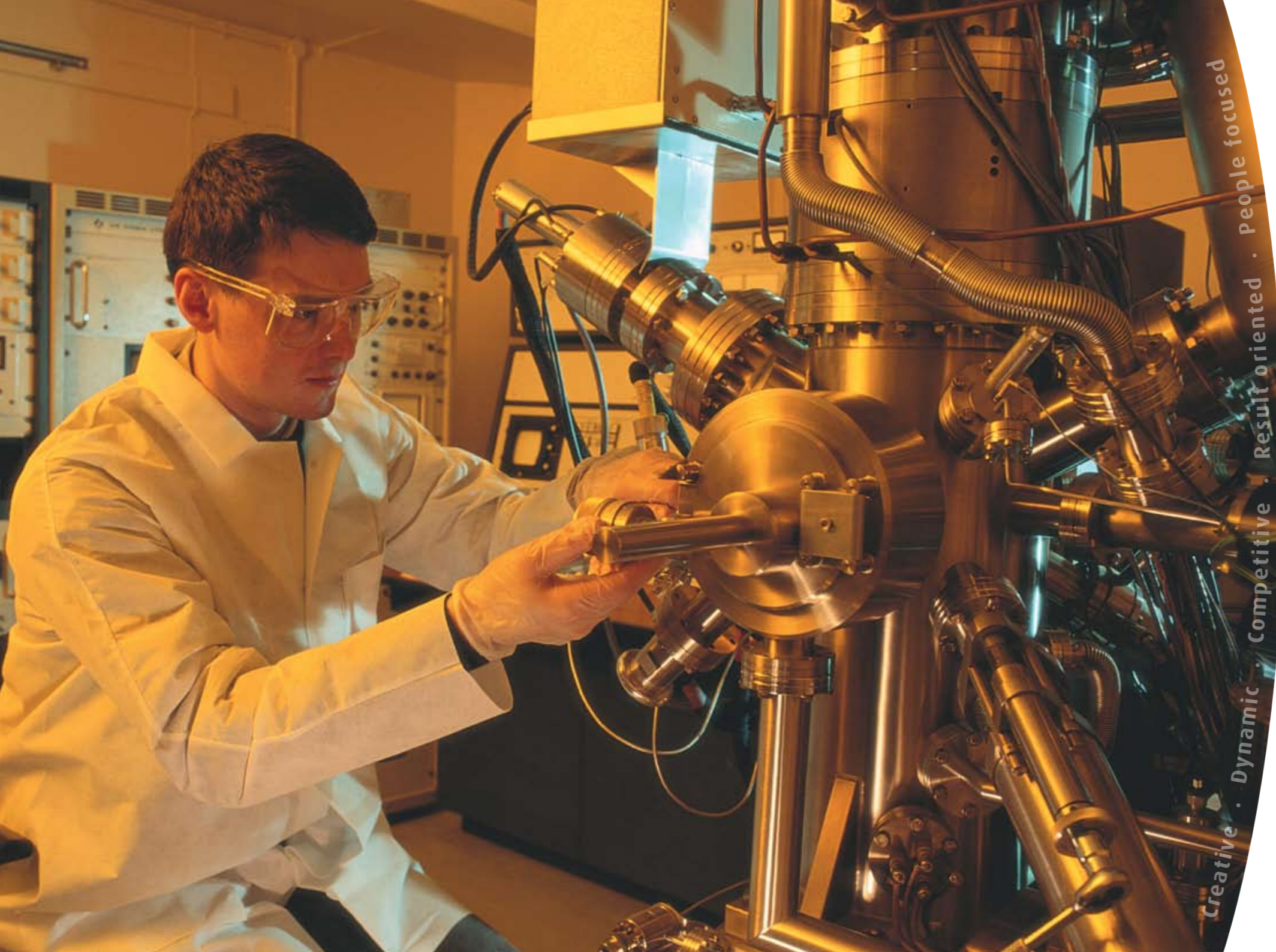
CDM is a Belgian based company specialising in the design, manufacture and implementation of noise and vibration isolation systems for the building, rail and industrial markets.

With over 60 years experience we offer our services from offices across the world where we have successfully completed many high profile building, rail and industrial projects.

Vision: *to make the world a quieter place where people are happier, healthier and more productive in an environment where levels of noise and vibration are responsibly managed and maintained at an acceptable level.*

Mission: *we strive to be global market leaders; offering high quality, customised and innovative noise and vibration solutions for the urban environment, made possible by investing in our highly skilled, committed and empowered people.*





Creative · Dynamic · Competitive · Result oriented · People focused



Innovation, research and development

At our headquarters in Belgium we have a full in-house test facility enabling our team of highly qualified engineers to be constantly testing, developing and improving our products and systems for the ever increasing demands of urban living.

Our ongoing research and development programme (often in partnership with international universities and research organisations) ensures continued expansion in our understanding of raw materials and how this knowledge can be used to develop the next generation of products. We have access to a very broad range of isolation materials allowing us the flexibility to provide the best available solution without being restricted to any particular material type.

Investment in sophisticated software enables us to offer technical support, engineering assistance, detailed drawings and installation plans to our client. When combined with our extensive in house library of tests, studies and experiments this can be utilised to provide the optimum designed solution.

CDM's years of expertise, research, development and innovation means we can combine reliability and quality to deliver state-of-the-art solutions to the market.



we're worth listening to



Building for the future



Creative . Dynamic . Competitive . Result oriented . People focused

do not
disturb

The constant demand for more rational use of urban space often results in the need for multi functional buildings. Frequently this requires careful design and planning to ensure the separation of noise sensitive areas from noise producing areas. Many new building designs incorporate entertainment spaces such as cinemas, restaurants and bowling alleys within the same build as high specification accommodation; presenting many opportunities for noise nuisance.

Most new buildings will be in close proximity to a major source of noise and vibration, such as an underground tunnel or railway, so the structure may need to be decoupled from the surrounding groundworks by introducing building base isolation.

Almost every project we undertake will have its own unique requirements; which is why most of our solutions are completely bespoke.

At CDM we have a multi-disciplined team of engineers on hand to design high performance solutions for all stages of a building's construction; from building base isolation, through to fully isolated individual floors, walls and ceilings. Within the building there will usually be further requirements to isolate building services equipment such as generators, elevators and air handling units.

If you are designing a building where elimination of noise and vibration is a fundamental requirement then we have a solution for you.

Please refer to our Building Brochure for details of products and services.

 **in tune with the environment**



CDM - Right on track

The challenge for today's urban planners is to reduce traffic congestion whilst providing an efficient transportation system for inner cities, and rail links between cities, without increasing existing levels of noise and vibration.

Track systems are a popular solution but, without isolation, they can generate high levels of noise and vibration which, if left untreated, will re-radiate into the surrounding living and working environment.

CDM has a range of products suitable for every aspect of rail generated noise. Whether it's light rail, metro, high speed rail or heavy rail we have a solution to the problem.

As part of our ongoing commitment to track research and development we have participated in partnerships in several European Framework and Research Programmes.

Please refer to our Rail Brochure for details of products and services.

 **improving city life**





CDM - Improving industry

Most types of industrial plant and machinery generate high levels of noise and vibration; which in turn produce airborne and structure-borne noise problems. Isolating the source of the noise and vibration is vital to protect the quality of life of people in both the immediate location and those in the surrounding environment. Additionally, providing isolation also protects expensive equipment from the long term degenerative effects of vibration.

Over many years CDM has developed solutions to a wide range of applications in the industrial, manufacturing and building services sectors. Our highly experienced engineers are on hand to design and deliver the optimum solution for your application – however challenging it is.

Please refer to our Industrial Brochure for details of products and services.

 turning down the volume





Creative · Dynamic · Competitive · Result oriented · People focused



Making a difference

Everything we do at CDM is focused on maintaining, improving and protecting the living and working environments of millions of people.

Our building products and systems facilitate more efficient use of space within cities because they make it possible to design vertical multi-purpose buildings which reduce building footprints; thereby helping to control urban sprawl.

Our rail products make it possible to offer effective transportation in cities under massive pressure from the effects of demographic migration to urban areas.

Over the last decade we have focused closely on the environmental impact of our manufacturing processes and now many of our finished products are manufactured from recycled materials which can be recycled again at the end of their life.

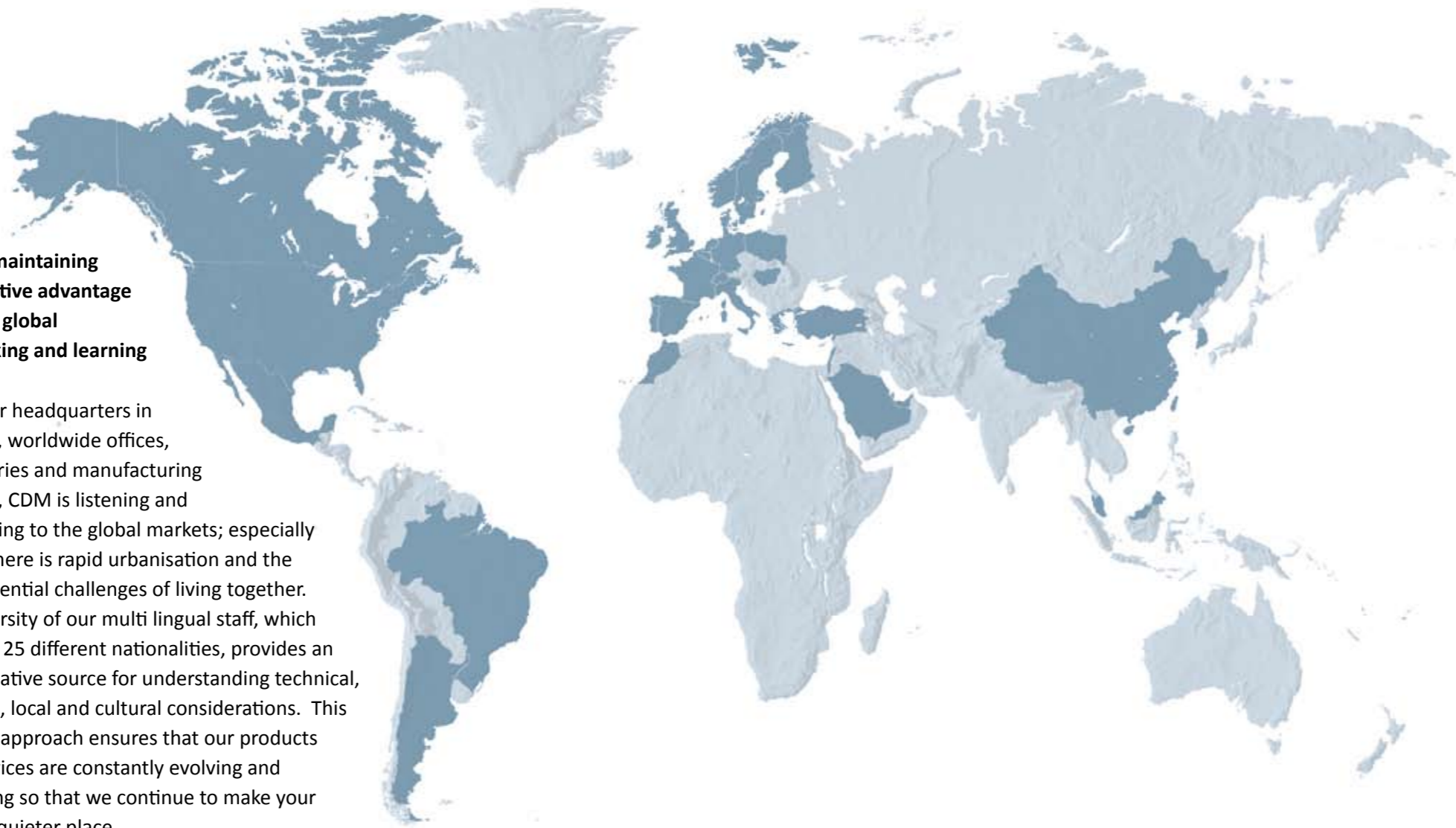
We are committed to delivering high performance, sustainable and cost effective solutions for the urban environment whilst endeavouring to minimise the impact of our products on the wider environment.

CDM's reputation is built on our passion for solving noise and vibration problems, our professional approach, engineering capabilities, technical excellence and most of all on our people – so if you have a problem related to noise and vibration then come and talk to us.

we think you'll like what you hear

CDM – maintaining competitive advantage through global networking and learning

From our headquarters in Belgium, worldwide offices, subsidiaries and manufacturing facilities, CDM is listening and responding to the global markets; especially where there is rapid urbanisation and the consequential challenges of living together. The diversity of our multi lingual staff, which includes 25 different nationalities, provides an ideal creative source for understanding technical, practical, local and cultural considerations. This creative approach ensures that our products and services are constantly evolving and improving so that we continue to make your world a quieter place.



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