



3D Printing: A New Hope for Housing

New research by removal company comparison website Compare My Move reveals how 3D printed houses are no longer a thing of science fiction. From alleviating the housing crisis and providing disaster relief to leading the way to the stars, the research shows how 3D printing could be the answer to many issues faced by traditional house-building methods. But this isn't a 3D printed pipe dream: a range of companies and institutes across the world are working to make 3D printed housing a reality.

Compare My Move have summarised the findings in a new Infographic which explores: the benefits of 3D printed housing over traditional construction methods; how cheap and fast 3D printing methods will counter the housing crisis; how 3D printed housing is the future of disaster relief; and how automated 3D printers will lay the foundations of colonies on Mars and the Moon. Sound Space-age?

A 3D printed world is closer than you think...

Find the Infographic here: <https://www.comparemymove.com/infographics/3d-printing.png>

Contact Press@comparemymove.com for assets and requests.

Key facts:

- **20 million tonnes** of construction waste is sent to UK landfills every year.
- **\$10,000**: construction cost of 3D printed house in 2017 created in less than 24 hours.
- **2006**: the first use of concrete in 3D printing as the University of Southern California unveiled the 'Contor Crafting System'.
- **98.6 million people** affected by disasters in a given year. Could 3D printed homes be the answer?
- **2-3 days vs 8 weeks**: 3D printing construction time vs traditional methods.

The Infographic at a Glance

A Brief History of 3D Printed Houses

The dawn of 3D printed construction was nearly 40 years ago in 1980, when proof-of-concept technology was used to produce small scale models.

From the first use of concrete in 3D printing in 2006 as the University of Southern California unveils the 'Contor Crafting System', to a small house printed in under 24 hours for less than \$10,000 in 2017: 3D printed housing has come a long way.

In the opening section of the infographic, we explore the key points in the last 40 years of printed houses.



Compare My Move Press Release

For Immediate Release

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Date: 06/02/2018



The Problems 3D Printing Solves

In what ways will 3D printing a house be any better than traditional construction methods? Well, the infographic shows that in areas of cost, speed, safety and waste reduction, 3D printing has the edge.

Last year a house was printed and fitted in less than 24 hours for less than \$10,000, proving the technology's 'print-on-demand' qualities.

Plus, the use of recycled construction materials in the concrete 'ink' will go some way to reducing the 20 million tonnes of construction waste sent to UK landfills every year.

The Housing Crisis and Disaster Relief

The speed and low cost of 3D printed construction make it a great candidate to help solve the growing housing crisis, not to mention the 'print-on-demand' aspect of the technology. Plus, research is underway to implement simple local materials in the 3D printing process, meaning quick and permanent shelter in disaster-stricken areas.

3D Printing and the Final Frontier

3D printed houses do sound space-age. So perhaps it comes as no surprise that 3D printed construction technology is being sought to lead the way to the stars. From Elon Musk's SpaceX to NASA, 3D printing technology is fast becoming the best solution to lay the foundations of a Lunar or Martian base.

From buildings to landing pads, space-faring 3D printers will be utilised in humanity's next step to the Moon or Mars. With the Mars One organisation aiming for a permanent colony on Mars by 2032, this 3D printed frontier is closer than you think. In the final section of the infographic, we explore the role 3D printing may play in the future.

About Compare My Move

Compare My Move is a Removal Company comparison website for home and office movers across the UK and internationally. Movers fill in a quick, easy form, and get a shortlist of up to 6 local removal companies, and can save up to 70% on their removal costs.

Removal company partners are fully verified by Compare My Move and reviewed by customers. The verification process ensures partners have Goods in Transit Insurance, Public Liability Insurance, and a website with clear terms and conditions.

Compare My Move was launched in 2012 by Marc Bengier and Dave Sayce, who have more than 30 years' experience in house removals. Each year, Compare My Move helps more than 50,000 residents move house.



Address: Compare My Move, 33-35 Cathedral Road, Cardiff, CF11 9HB

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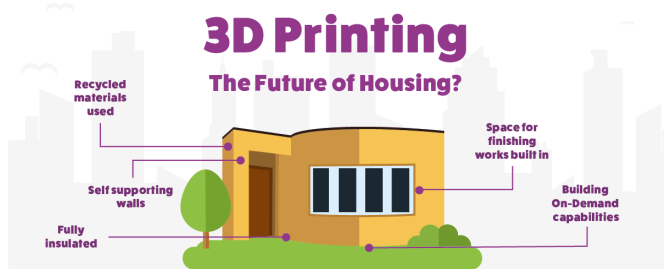


Assets Available on Request

In addition to our Infographic we have a range of assets and images available on request. Find below an example of the array of assets created by Compare My Move.

Find the Infographic here: <https://www.comparemymove.com/infographics/3d-printing.png>

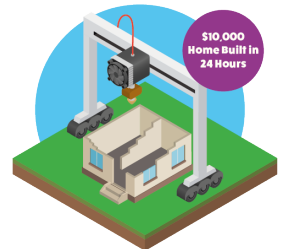
For more information and asset requests contact Press@comparemymove.com



3D Printing

A New Hope for Housing!

Could 3D Printing really be the future of housing and maybe even help save the world?



Number of Workers Needed for Building Homes



2 workers
3D printing



40 workers
traditional building methods

3D Printing Could Help with Disaster Relief

98.6 million people

were affected by disasters in 2015



3D Printing

Has Come a Long Way!



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