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Science Fiction to Science Fact

SmartThings Future Living Report paints a vivid picture of what life will be like in 100 years

- Super skyscrapers, underwater bubble cities and origami furniture will be the norm
- Three day working week will be a real possibility as we work smarter and attend meetings remotely via holograms
- Sickies will be a thing of the past as health diagnosis pods will be fitted as a standard feature in homes
- Drone delivered holiday homes will be the vacation venue of the future
- Colonising space will be a reality



London, UK – February 15, 2016 – Super-skyscrapers which will dwarf the Shard, under water bubble cities and origami furniture are all likely to be reality in 100 years' time. That's the verdict of a new study which paints a vivid picture of our future lives; suggesting the way we live, work and play will change beyond all recognition over the course of the next century.

The **SmartThings Future Living Report** was authored by a team of leading academics including TV presenter and one of the UK's leading space scientists, Dr Maggie Aderin-Pocock, award-winning futurist architects and lecturers at the University of Westminster Arthur Mamou-Mani and Toby Burgess, as well as pioneering urbanists Linda Aitken and Els Leclercq.

The report was commissioned on behalf of SmartThings, a system which easily allows people to make their home smarter, meaning that at any time and from anywhere it is possible to switch on lights, turn up the thermostat or unlock the back door, all via a simple app or automatically through our daily routines - something that might have seemed like science fiction as little as 10 years ago, but today is a reality.

The predictions for how we will live in the future have been brought to life via detailed animated architectural renders which show a futuristic London skyline where high rise apartments dwarf Europe's highest building, The Shard, and show drone transportation and bubble-like underwater cities.

SmartThings Future Living Report highlights:

Many of the predictions were influenced by environmental conditions, with growing populations leading to the development of structures that are better able to cope with space constraints and diminishing resources.

As city space becomes more squeezed, we will burrow deeper and build higher with the creation of:

- **Super skyscrapers:** carbon nanotubes and diamond Nano threads will help us create towering megastructures that will dwarf today's skyscrapers
- **Earth-scrappers:** just as we build up we will also dig down – huge structures will tunnel 25 storeys deep, or more
- **Underwater cities:** are likely to become a reality – using the water itself to create breathable atmospheres and generating hydrogen fuel through the process
- **Personal flying drones replacing cars:** some of us will be travelling skyways with our own personal flying drones, some strong enough to carry entire homes around the world for holidays

As technology develops, we'll see:

- **3D printing of houses and furniture:** we will be able to print exact replicas of large scale structures like houses out of local, recyclable materials so that we really can have all the comforts of home while we are away
- **Flexible, smart walls and 3D printed Michelin starred meals:** smart walls will mean you won't need to decorate your home - LED room surfaces will adapt to suit your mood. When it comes to entertaining, there will be no more botched recipes or pizza deliveries – instead we will be downloading dishes from famous chefs that we will tailor to our personal needs. We will be able to 3D-print a banquet or a favourite cake in minutes

- **Virtual meetings:** our working lives will be transformed with the use of holograms which will allow us to attend meetings virtually, without leaving the comfort of our homes
- **Stepping into home medi-pods** will confirm if you really are ill, providing a digital diagnosis and supplying medicine or a remote surgeon if needed

And finally, we will:

- **Colonise space:** first the Moon, then Mars and then far beyond into the galaxy

On top of looking at how we will live in 100 years' time, SmartThings surveyed 2,000 British adults to pinpoint the predictions the nation thought were most likely to become a reality in the future. The survey shines a spotlight on the public perception of the future and suggests that building further into the sky, and colonising oceans are believed to be the biggest future trends as space and resources become scarce.

The top ten predictions for future living:		
1.	Virtual work meetings – the ability to work from anywhere and attend meetings remotely via avatars/holograms	48%
2.	Commercial flights into space	41%
3.	Virtual interior decoration so that you can program your own surroundings/ LED walls that adapt your surroundings to your mood	26%
4.	3D printed houses/furniture/food - meaning you can download and print these things at home	25%
5.	At-home scanning capsules/pods that can diagnose health problems and administer medicines/treatments	24%
6.	Colonising other planets as we use up resources on Earth	19%
7.	AI becoming a normal part of daily life – taking over from humans in many industries	18%
8.	Giant skyscrapers that can house entire cities: the construction of which is allowed for by the development of new super strong materials	18%
9.	At-home hydroponic farms (that don't require soil) where you can grow your own food	17%
10.	Earth-scrappers – buildings that are built down into the ground, so entire cities are subterranean due to space constraints and also to provide further shelter	16%

Space Scientist Maggie Aderin-Pocock, who co-authored the report, commented: *“Our lives today are almost unrecognisable from those a century ago. The internet has revolutionised the way we communicate, learn and control our lives. Just 25 years ago, technology like **SmartThings** would have been inconceivable, yet today, developments like this let us monitor, control and secure our living spaces with the touch of a*

smartphone. Over the next century we will witness further seismic shifts in the way we live and interact with our surroundings – working on The SmartThings Future Living Report with a panel of industry experts, has allowed me to explore what these could be.

“We are likely to see the emergence of towering megastructures as well as sub-aquatic cities and transportation via advanced flying drones – some of which could be strong enough to transport entire houses on holiday.”

James Monighan, UK MD of Samsung SmartThings, which commissioned the report, says: *“The smart home revolution will have massively positive implications on how we live. Our homes are becoming smarter and can now detect the presence of things like people, pets, smoke, humidity, lighting, and moisture. And this is just the beginning.*

Just as the technology driving the Internet has spread to smartphones and smart homes, the smart home revolution is destined to spread to larger communities and countries. By simply turning lights and heating off when we don't use them, we can reduce emissions. By being able to better monitor and secure our homes, we can reduce crime. By better monitoring the habits of aging relatives, we help them to achieve greater independence and a higher quality of life.”

The report has been published to coincide with the announcement that from the start of 2016, SmartThings will work with hundreds of products from a wide range of brands, as well as working with all of Samsung's TVs as well as refrigerators, washer machines, ovens, and robot vacuum cleaners.

Download images here: <https://www.flickr.com/gp/taylorherringpr/v2s8RG>

To find out more about Samsung SmartThings, visit www.samsung.com/uk/smartthings/

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Notes to editors:

About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies that redefine the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. We are also leading in the Internet of Things space with the open platform SmartThings, our broad range of smart devices, and through proactive cross-industry collaboration. We employ 319,000 people across 84 countries with annual sales of US \$196 billion. To discover more, and for the latest news, feature articles and press material, please visit the Samsung Newsroom at news.samsung.com.

About SmartThings

SmartThings is the easiest way to turn a home into a smart home, bringing users peace of mind, savings, and convenience. As an open platform with a thriving ecosystem, SmartThings also brings users freedom of choice in devices and limitless possibilities. Since SmartThings was acquired by Samsung in August 2014, the team has tripled in size, tripled developer activity from a community of over 20,000, and has one of the largest ecosystem of compatible devices. SmartThings is headquartered in Palo Alto, CA and operates independently as a wholly owned subsidiary of Samsung Electronics.