

# FUTURESTORATIVE

WORKING TOWARDS A NEW SUSTAINABILITY

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# CONTENTS

FOREWORD	IV
INTRODUCTION: <b>'STAY HUNGRY, STAY FOOLISH'</b>	1
CHAPTER ONE: <b>THE CHALLENGE</b>	9
CHAPTER TWO: <b>FUTURE RESTORATIVE KEY CONCEPTS</b>	29
CHAPTER THREE: <b>HEALING THE FUTURE</b>	37
CHAPTER FOUR: <b>RESTORATIVE APPROACHES 1</b> NATURE, EARTH, AIR AND LIGHT	65
CHAPTER FIVE: <b>RESTORATIVE APPROACHES 2</b> ENERGY, WATER, MATERIALS, WASTE AND CARBON	83
CHAPTER SIX: <b>THE NEW 'SUSTAINABILITY' STANDARDS</b>	115
CHAPTER SEVEN: <b>A DIGITALLY FUELLED RESTORATIVE FUTURE</b>	137
CHAPTER EIGHT: <b>FUTURE RESTORATIVE RESOURCES</b>	153
EPILOGUE: <b>'IT'S JUST SUSTAINABILITY'</b>	169
INDEX	170
IMAGE CREDITS	172

Squamish Environmental Learning Centre	Surrounded by towering cedar trees and flanked by the Cheakamus River, the BlueShore Financial Environmental Learning Centre (ELC) is a showcase for green building innovation.	Education	Timber	<a href="http://www.cheakamuscentre.ca">http://www.cheakamuscentre.ca</a>	@CheakamusCentre
Van Dusen, Vancouver, Canada	An award-winning, 'Living Building' Visitor Centre. The building is widely recognised as a pioneering structure in green design – and is LEED Platinum certified.	Public	Materials	<a href="http://vandusengarden.org/about">http://vandusengarden.org/about</a>	@vandusengdn
Phipps Conservatory, Pittsburgh, US	A world leader in sustainable innovation, Phipps Conservatory and Botanical Gardens has achieved the Living Building Challenge for its Center for Sustainable Landscapes (CSL), a facility that houses ground-breaking sustainability research and science education programmes, and serves as a key part of the public garden's immersive visitor experience. LBC, LEED Platinum and WELL Building certifications.	Public		<a href="https://phipps.conservatory.org/green-innovation/at-hipps/center-for-sustainable-landscapes">https://phipps.conservatory.org/green-innovation/at-hipps/center-for-sustainable-landscapes</a>	@phippsgreen
LBC Project, Taneatua, New Zealand	Designed to the stringent criteria of the international Living Building Challenge (LBC), the completed project is New Zealand's most advanced sustainable building.	Community	Community, spirit	<a href="http://www.jasmax.com/work/te-uru-taumatua/">http://www.jasmax.com/work/te-uru-taumatua/</a> Video: <a href="https://www.youtube.com/watch?v=LwQV9fNQsDk">https://www.youtube.com/watch?v=LwQV9fNQsDk</a>	@tuhoetu
Midge Hole, Design Comp, UCLAN, UK	A student design competition to design a residence for a live client on complex and isolated terrain while complying to Living Building Challenge rules.	Education, housing	Education	<a href="https://jennibarrett.files.wordpress.com/2014/05/josh-allington11.jpg">https://jennibarrett.files.wordpress.com/2014/05/josh-allington11.jpg</a>	
The Crystal, London, UK	The Crystal in London is home to the world's largest exhibition on the future of cities, as well as one of the world's most sustainable buildings and events venues. BREEAM Outstanding.	Commercial	Energy	<a href="https://www.thecrystal.org">https://www.thecrystal.org</a>	@thecrystalorg
The Edge, Amsterdam	The greenest, most intelligent building in the world. By employing innovative smart technology it has achieved a BREEAM Outstanding score of 98.36%.	Commercial	Energy	<a href="http://www2.deloitte.com/global/en/pages/about-deloitte/articles/gx-the-edge-of-tomorrow.html">http://www2.deloitte.com/global/en/pages/about-deloitte/articles/gx-the-edge-of-tomorrow.html</a>	
Zero Carbon House, Cardiff, UK	The UK's first purpose-built energy smart house, capable of exporting more energy than it uses.	Housing	Energy	<a href="http://www.cardiff.ac.uk/news/view/122063-smart-carbon-positive-energy-house">http://www.cardiff.ac.uk/news/view/122063-smart-carbon-positive-energy-house</a>	@zerohouse
Dyson Centre for Neonatal Care, RUH, Bath, UK	The £6.1 million Dyson Neonatal Care opened on 23 July 2011 and is an environmentally sustainable design, which is the first of its type in Europe. It is designed to provide a beneficial healing environment for babies and reduce stress levels experienced by their parents.	Health	Wellbeing, light	<a href="http://www.ruh.nhs.uk/patients/services/wards/neonatal_intensive_care/index.asp?menu_id=1">http://www.ruh.nhs.uk/patients/services/wards/neonatal_intensive_care/index.asp?menu_id=1</a>	
Romarzollo School, Arco, Italy	The first LEED Platinum School outside the US.	Education	Energy	<a href="http://www.macrodeshignstudio.it/en/services/projects">http://www.macrodeshignstudio.it/en/services/projects</a>	
LILAC, Leeds, UK	An affordable strawbale housing community in Bramley, LILAC is the UK's first affordable ecological co-housing project.	Housing	Co-housing	<a href="http://www.lilac.coop">http://www.lilac.coop</a>	@lilacleeds

Hanham Hall, Bristol, UK	One of the flagship Carbon Challenge schemes and will be England's first large-scale housing scheme to achieve the 2016 zero-carbon standard.	Housing	Eco village	<a href="http://www.barrattdevelopments.co.uk/showcase/hanham-hall-bristol">http://www.barrattdevelopments.co.uk/showcase/hanham-hall-bristol</a>	
Keynsham Civic Centre, UK	The building is on course to achieving an exemplary display energy certificate (DEC) 'A' rating in 2017 once it has been in use for two years, thus making it one of the lowest energy consuming public buildings in the UK.	Public	Materials (CLT)	<a href="https://www.architecture.com/StirlingPrize/Awards2015/SouthWestWessex/KeynshamCivicCentreadOneStopShop.aspx">https://www.architecture.com/StirlingPrize/Awards2015/SouthWestWessex/KeynshamCivicCentreadOneStopShop.aspx</a>	
Eden Centre, Cornwall, UK	The Eden Centre incorporates biome architecture inspired by nature, context specific designs and low energy buildings to be one of the most iconic buildings in the world.	Public	Education	<a href="https://www.edenproject.com/eden-story/behind-the-scenes/architecture-at-eden">https://www.edenproject.com/eden-story/behind-the-scenes/architecture-at-eden</a>	@edenproject
Brockholes Visitor Centre, Preston, UK	A sustainable building in the middle of a flood plain, the Visitor Village is built on a concrete pontoon floating on a lake and incorporates the highest environmental standards – BREEAM Outstanding.	Public	Materials	<a href="http://www.brockholes.org/green-statement">http://www.brockholes.org/green-statement</a>	@visitBrockholes
Waste House, Brighton, UK	The Brighton Waste House investigates strategies for constructing a contemporary, low energy, permanent building using over 85% 'waste' material drawn from household and construction sites.	Housing	Waste	<a href="http://arts.brighton.ac.uk/business-and-community/the-house-that-kevin-built">http://arts.brighton.ac.uk/business-and-community/the-house-that-kevin-built</a>	@WasteHouse
WikiHouse, (online)	WikiHouse is an online construction kit helping people design and build beautiful, low-energy homes customised to their needs.	Housing	Materials	<a href="http://www.wikihouse.cc">http://www.wikihouse.cc</a>	@WikiHouse
Incredible Edible, Todmorden, Yorkshire, UK	Growing fruit, herbs and vegetables around Todmorden that are for everyone to share.	Community	Urban agriculture	<a href="https://www.incredible-edible-todmorden.co.uk/projects">https://www.incredible-edible-todmorden.co.uk/projects</a>	@incredible
Bright Building Re:Centre, Bradford University, UK	Its function is to be a hub, where knowledge and experience – both practical and theoretical – are shared between all users of the centre and their associates. The building itself contains a wealth of fascinating operational features in its approach to energy, ergonomics, heating and airflow. BREEAM Outstanding.	Education	Circular economy, natural materials	<a href="http://www.bradford.ac.uk/recentre">http://www.bradford.ac.uk/recentre</a>	@the_re_centre
Alliander HQ Duiven, Arnhem, NL	Transporting energy and gas to 3.3 million customers through their energy infrastructure, Alliander also facilitates an open energy market and supports sustainable energy choices. First renovation project in the Netherlands to obtain BREEAM-NL outstanding.	Commercial	Circular economy	<a href="https://www.alliander.com/en">https://www.alliander.com/en</a> <a href="http://www.archdaily.com/777783/alliander-hq-rau-architects">http://www.archdaily.com/777783/alliander-hq-rau-architects</a>	