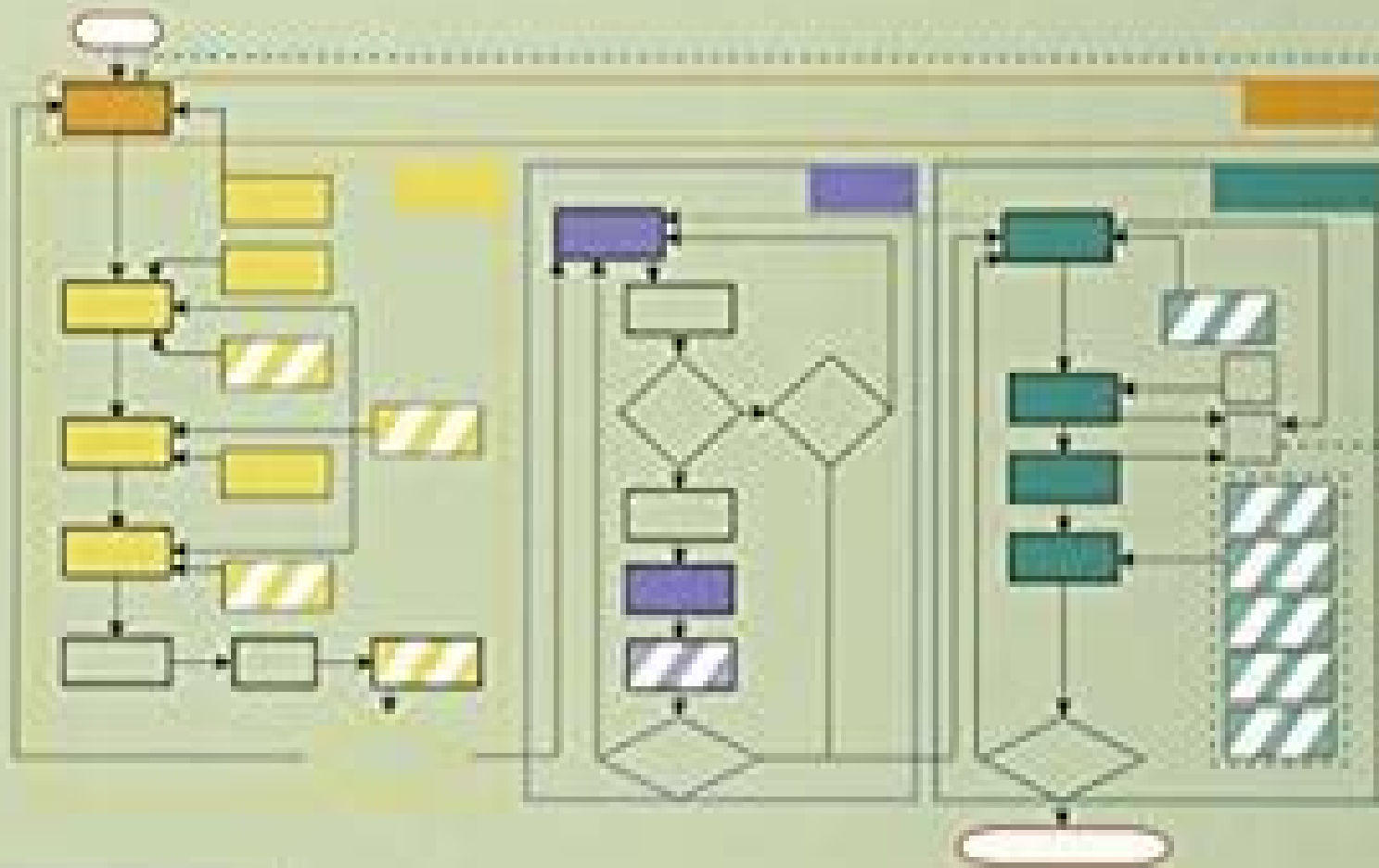


## PHPP Illustrated

## A Designer's Companion to the Passive House Planning Package



# Phpp Illustrated Designers Companion Planning

**Sebastian Brünink**



## **Phpp Illustrated Designers Companion Planning:**

PHPP Illustrated Sarah Lewis, 2014 All architects hoping to design to the Passive House standard need to know how to use The Passive House Planning Package PHPP a set of 30 linked Excel spreadsheets and a short manual translated from German into English A Designer's Companion to the Passive House Planning Package provides much needed supplementary guidance for purchasers of the PHPP Concise user friendly and attractively illustrated this step by step book is ideal for practitioners and students looking to utilise the PHPP as a design tool Readers will be empowered as they better understand the essential criteria for all low energy building schemes including the impact of orientation envelope to treated floor ratios and shading effects on the energy balance Fully supported and endorsed by The Passivhaus Institut A Designer's Companion to the Passive House Planning Package is invaluable for new and experienced users of the PHPP **PHPP Illustrated**

Sarah Lewis (architekt), 2017 **The Passivhaus Designer's Manual** Christina Hopfe, Robert McLeod, 2015-10-05

Passivhaus is the fastest growing energy performance standard in the world with almost 50 000 buildings realised to date Applicable to both domestic and non domestic building types the strength of Passivhaus lies in the simplicity of the concept As European and global energy directives move ever closer towards Zero fossil Energy standards Passivhaus provides a robust fabric first approach from which to make the next step The Passivhaus Designers Manual is the most comprehensive technical guide available to those wishing to design and build Passivhaus and Zero Energy Buildings As a technical reference for architects engineers and construction professionals The Passivhaus Designers Manual provides State of the art guidance for anyone designing or working on a Passivhaus project In depth information on building services including high performance ventilation systems and ultra low energy heating and cooling systems Holistic design guidance encompassing daylight design ecological materials thermal comfort indoor air quality and economics Practical advice on procurement methods project management and quality assurance Renewable energy systems suitable for Passivhaus and Zero Energy Buildings Practical case studies from the UK USA and Germany amongst others Detailed worked examples to show you how it's done and what to look out for Expert advice from 20 world renowned Passivhaus designers architects building physicists and engineers Lavishly illustrated with nearly 200 full colour illustrations and presented by two highly experienced specialists this is your one stop shop for comprehensive practical information on Passivhaus and Zero Energy buildings

**PHPP ILLUSTRATED** SARAH. LEWIS, 2026 Small Projects Handbook Nigel Ostone, 2021-02-25 This hands on no nonsense guide to running smaller projects most under 250 000 in value will become your bible in day to day practice Smaller practices often find it hard to turn a profit as they spend too much time and money especially on the design stages trying to compete and are unsure as to what they can safely dispense with whilst still being rigorous and delivering quality This book provides reassurance as to how to achieve great results on a budget utilising stripped back and efficient solutions while following the principles and stages of the RIBA Plan of Work Each chapter provides simple step by step guidance to the

key tasks in that stage of the Plan of Work including inputs outputs stage activities and sustainability checkpoints in text features which break down complex tasks and highlight best practice with pragmatic real world advice including tips warnings and guidance on forms and templates inspiring case studies of small projects that document the architect's experience of the process guidance at each Plan of Work stage on the relevant practice issues that will help you to run your small project more effectively Designed as a project handbook for smaller and medium sized architectural practices it is also invaluable for Part 3 students getting to grips with how projects are run within the RIBA Plan of Work framework Everybody in the project team including clients contractors and consultants will find this a handy guide to the project process full of useful insights and solutions

*Building a Passive House* Stefano Piraccini, Kristian Fabbri, 2017-11-10 This book describes step by step the entire building process of a passive energy efficient house in a Mediterranean climate It chronicles the creation of the Fiorita Passive House in Cesena Italy offering designers valuable tips and practical advice for their own projects Written as a logbook it not only provides essential technical information but is also an exciting story of the challenges encountered and the solutions that were found How and where do I start when building a passive house Do I need consultants Will it cost too much What precautions should I take in a Mediterranean region What tools do I need I want to build in wood but what technical solutions should I use What must I do regarding plants and equipment And then finally will it really work These and many other questions filled the head of the author and designer when he tried his hand at building a passive house in the Mediterranean The designer S Piraccini had long sought a book that would answer these answers in vain So he decided to brave these dangerous waters alone and after successfully completing his project he decided to write a book to help others in the same situation The book is accompanied by detailed information on building physics and HVAC systems by his fellow architect K Fabbri

**Housing Fit For Purpose** Fionn Stevenson, 2019-10-22 Housing Fit for Purpose sets out a research focused approach to looking at the challenges facing the built environment in approaching the design construction and management of housing This book uses original research by the author on housing performance evaluation and distils it for built environment professionals arguing that learning from feedback should be taking place at every stage of the housing project lifecycle improving outcomes for end users Drawing on active research this book shows why and how the design construction and management of housing can be linked to feedback and actual evidence of how people choose and learn to use their homes It examines the key concepts which underlie participatory design occupancy feedback and learning and includes a practical primer on how to undertake housing occupancy feedback

**Backpacker**, 2007-09 Backpacker brings the outdoors straight to the reader's doorstep inspiring and enabling them to go more places and enjoy nature more often The authority on active adventure Backpacker is the world's first GPS enabled magazine and the only magazine whose editors personally test the hiking trails camping gear and survival tips they publish Backpacker's Editors Choice Awards an industry honor recognizing design feature and product innovation has become the gold standard against which all other

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