
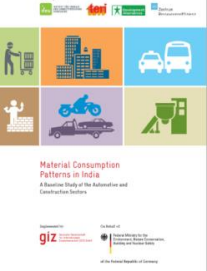
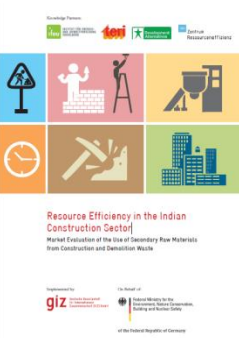



Development Alternatives Publications Catalogue

Resource Efficiency – Construction Technology – Housing & Habitat

Category: Resource Efficiency	
	<p>Title: Decoupling Energy and Resource use from Growth in the Indian Construction Sector</p> <p>Year of Publication: 2017</p> <p>Pages: 48p.</p> <p>Abstract: Policy brief I focuses on the baseline for decoupling in the Indian construction sector. The study draws attention to the existing scenario in terms of key policies, research and institutions linked to resources and energy in the sector.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/(3)REDecouplingBaseline.pdf?Oid=161</p>
	<p>Title: Decoupling Energy and Resource Use from Growth in the Indian Construction Sector</p> <p>Year of Publication: 2017</p> <p>Pages: 56p.</p> <p>Abstract: Policy brief II focuses on analysing the potential for decoupling in the Indian buildings and construction sector. Primary and secondary research was conducted to identify the factors that influence decoupling. Subsequently, a framework was established to make it possible to measure the nature and extent of decoupling that is possible within the existing policy environment. Furthermore, gaps, drivers and barriers have been identified which could enable a potential analysis study on decoupling to be carried out. In addition, examples of good practice from Germany and other European countries have been studied with a view to learning lessons that can help to bridge the current gaps in India.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/(1)REDecouplingStudyAnalysis.pdf?Oid=159</p>
	<p>Title: Decoupling Energy and Resource use from Growth in the Indian Construction Sector</p> <p>Year of Publication: 2017</p> <p>Pages: 36p.</p> <p>Abstract: Policy brief III focuses on recommendations both at national and state level on the possible interventions that could result in resource and energy use being decoupled from growth in the Indian construction sector. Lack of a comprehensive policy on resource efficiency and the possibility of using secondary raw materials to obtain resource and impact decoupling continue to be the key issues that India will have to grapple with in the years to come.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/(2)REDecouplingPolicyRec.pdf?Oid=160</p>

 <p>ACHIEVING RESOURCE SYNERGIES FOR A RAPIDLY URBANISING INDIA A PRODUCTION OF HEINRICH BÖLL</p>	<p>Title: Achieving Resource Synergies For A Rapidly Urbanising India</p> <p>Year of Publication: 2016</p> <p>Pages: 35p.</p> <p>Abstract: This document is an outcome of a project titled; “Achieving resource synergies for a rapidly urbanizing India” funded by Heinrich Böll Foundation, for the economic development, social empowerment and environment management of our society. This Background paper is intended for use by policy-makers, academics, media, government, non-government organisations and general public for guidance on matters of interest only and does not constitute professional advice.</p> <p>URL:http://devalt.org/images/L2_ProjectPdfs/Resources_and_Urbanisation_Background_Paper_HBF.pdf?Oid=90</p>
 <p>Material Consumption Patterns in India A Baseline Study of the Automotive and Construction Sectors</p>	<p>Title: Material Consumption Patterns in India</p> <p>Year of Publication: 2016</p> <p>Pages: 161p.</p> <p>Abstract: The project aims to enable Indian key institutions responsible for the formulation of environment, climate, industry, and resource policy to aid and establish institutional frameworks that improve resource efficiency.</p> <p>URL:http://devalt.org/images/L2_ProjectPdfs/MaterialconsumptionpatternsinIndiaireport.pdf?Oid=121</p>
 <p>Resource Efficiency in the Indian Construction Sector Market Evaluation of the Use of Secondary Raw Materials from Construction and Demolition Waste</p>	<p>Title: Resource Efficiency in the Indian Construction Sector</p> <p>Year of Publication: 2015</p> <p>Pages: 97p.</p> <p>Abstract: The construction sector is an important driver of the Indian economy but it is also extremely resource intensive. The sector generates substantial amount of waste from the process of construction and demolition of buildings and infrastructure. The report attempts to present a snapshot of the status of C&D waste generation and management in 10 surveyed cities across India, establish scenario based projections of C&D waste in India, and present technical and economic feasibility of products made with C&D waste.</p> <p>URL:http://devalt.org/images/L2_ProjectPdfs/MarketevaluationreportforresourceefficiencyusingCDwaste.pdf?Oid=122</p>
 <p>DECOUPLING GROWTH FROM RESOURCE CONSUMPTION</p> <p>BACKGROUND PAPER 2nd India-German Expert Group Meeting on Green and Inclusive Economy</p> <p>New Delhi, India – 4th February, 2014 Co-chairs: Development Alternatives Group and MARG Foundation</p> <p>DEVELOPMENT ALTERNATIVES GROUP: ANURAG KHOSLA, (Joint Lead); Rishi Nagarkar, Manisha Thakur, Chiranjeev Chandra, Pooja Garg, Gaurav Chandra MARG FOUNDATION: PETER HERNIMANN, Meghaan O'Brien, Anurag Khosla</p>	<p>Title: Decoupling Growth from Resource Consumption</p> <p>Year of Publication: 2014</p> <p>Pages: 32p.</p> <p>Abstract: The scientific brief, “Decoupling Growth from Resource Consumption” by Development Alternatives submitted for the Global Sustainable Development Report sees decoupling as an instrumental ingredient for development processes ahead. It looks at the challenges and suggests core strategy to move forward with growth decoupling.</p> <p>URL:http://www.devault.org/images/L2_ProjectPdfs/Decoupling_growth_from_resource.pdf?Oid=87</p>



Title: Policy Perspectives- A Framework: Decoupling Growth from Natural Resources

Year of Publication: 2014

Pages: 6p.

Abstract: This report draws attention to the need to decouple natural resource use and environmental impacts from economic growth, and emphasises resource efficiency as a key strategy for creating a green economy. A conceptual description of decoupling is followed by an argument for a nexus approach, which gives a holistic understanding of trade-offs with respect to resource management choices thereby increasing productivity, efficiency and other gains manifold. Using the building sector in India as an example, the report then details out drivers for action.

URL: http://www.devalt.org/images/L2_ProjectPdfs/Policy_erspective_a_framework.pdf?Oid=88



Title: Building Materials and Green Economy

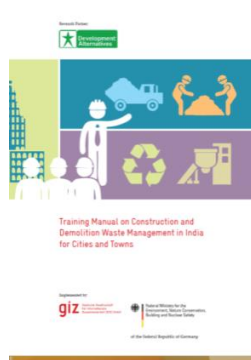
Year of Publication: 2014

Pages: 6p.

Abstract: This paper, by Technology and Action for Rural Advancement (TARA) and Development Alternatives, argues for the need to green the construction sector, which is a crucial component and indicator of India's development. It explores available pathways to sustainability in this sector, while highlighting both the drivers of change and barriers to change. It concludes with possible roles that key agents of change can play in the transition.

URL: http://devalt.org/images/L2_ProjectPdfs/Building%20Materials%20and%20the%20Green%20Economy.pdf?Oid=93

Category: Construction Technology




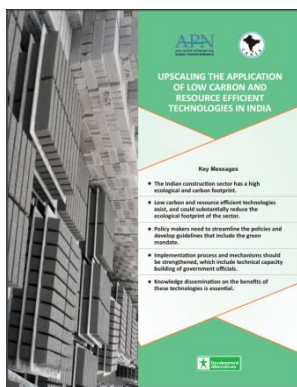
Title: Training Manual on Construction and Demolition Waste Management in India for Cities and Towns

Year of Publication: 2017

Pages: 42p

Abstract: The training manual is to educate and inform the participants on the severity of problem caused by Construction and Demolition (C&D) waste on the environment and serve as a reference manual providing detailed information towards management of C&D waste in an environmentally sustainable manner.

	<p>Title: Market Study on Construction and Demolition Waste Utilisation in Ahmedabad</p> <p>Year of Publication: 2016</p> <p>Pages: 40p.</p> <p>Abstract: This report provides an analysis and evaluation of Construction and Demolition (C&D) waste management scenario in Ahmedabad and proposes suitable strategies to enhance the processing and utilisation of C&D waste.</p> <p>URL: http://www.devalt.org/images/L2_ProjectPdfs/AhmedabadreportonC_Dwaste_management.pdf</p>
	<p>Title: Fly Ash Brick Industry in Bihar</p> <p>Year of Publication: 2016</p> <p>Pages: 52p.</p> <p>Abstract: This report tracking the growth of the fly ash brick industry by tracking the number of enterprises in the state and assess the status of these units through individual surveys from fly ash brick enterprises across the districts of Bihar to estimate the supply of fly ash bricks and also to assess the quality of bricks produced by these units across the districts of Bihar.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/(4)FlyAshBrickIndustry.pdf?Oid=162</p>
	<p>Title: APN Global Challenge Perspectives</p> <p>Year of Publication: 2015</p> <p>Pages: 10p.</p> <p>Abstract: This paper gives a background of that the Indian construction sector has a high ecological and carbon footprint. With increasing urbanisation and growth in India, the impacts of the construction sector will only increase.</p> <p>URL: http://www.apngcr.org/resources/files/original/20c888bf308a2d8599b705a54c138e8c.pdf</p>
	<p>Title: Up Scaling The Application Of Low Carbon And Resource Efficient Technologies In South Asia</p> <p>Year of Publication: 2015</p> <p>Page no: 12p</p> <p>Abstract: It's a comparative regional analysis of case studies of low carbon construction material and technologies which were selected for each selected country. Each case study was looked at through the economic, technological and policy frame, as to define the critical elements for promoting low carbon development pathways in the construction sector.</p> <p>URL: http://www.apn-gcr.org/resources/files/original/35dd1bba92e041e69f76fbdeb68bb111.pdf</p> <p>http://www.apn-gcr.org/resources/files/original/35dd1bba92e041e69f76fbdeb68bb111.pdf?Oid=163</p>



Title: Up scaling The Application Of Low Carbon And Resource Efficient Technologies In India

Year of Publication: 2015

Pages: 32p.

Abstract: It is a comparative regional analysis of case studies of low carbon construction material and technologies which were selected for each selected country. Each case study was looked at through the economic, technological and policy frame, as to define the critical elements for promoting low carbon development pathways in the construction sector.

URL:

[http://devalt.org/images/L2_ProjectPdfs/\(6\)APN%20Report%202.pdf?Oid=164](http://devalt.org/images/L2_ProjectPdfs/(6)APN%20Report%202.pdf?Oid=164)

<http://www.apn-gcr.org/resources/files/original/26c6f4112edfb72d156cff6d7f4b0dcb.pdf>



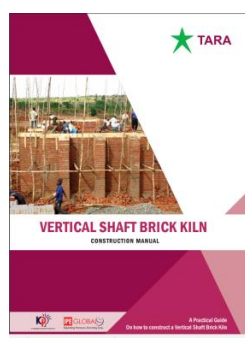
Title: Bamboo: Green Construction Material: case study

Year of Publication: 2014

Pages: 31p.

Abstract: This case study presents the constraints in the growth of the industry such as regulatory restrictions, supply of raw materials, quality of bamboo, untrained labor, lack of financial support, policy support and implementation, establishment of database, etc.

URL: <https://www.apngcr.org/resources/files/original/1654f846a58279adea4aeb44a881321b.pdf>



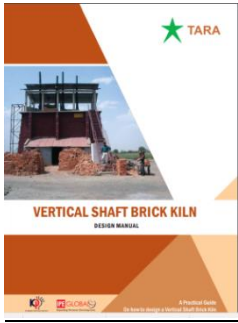
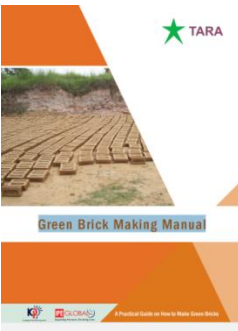
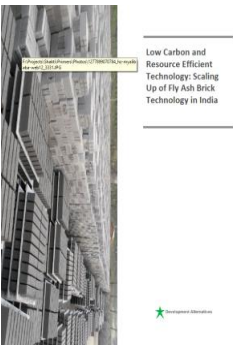

Title: Vertical Shaft Brick Kiln Construction Manual

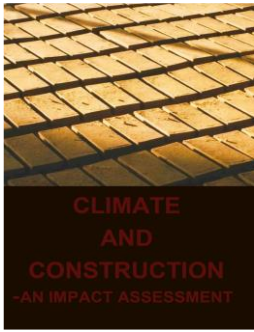
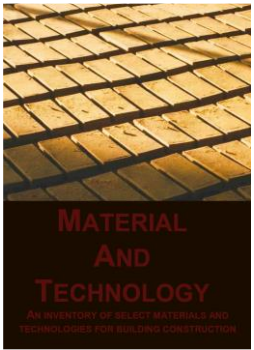
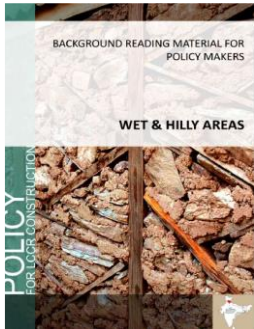
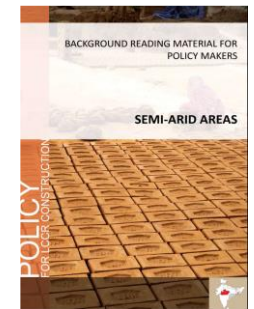
Year of Publication: 2014

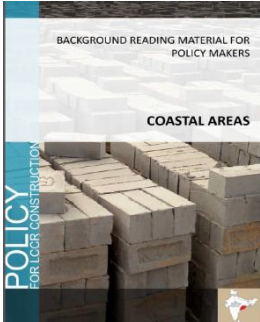
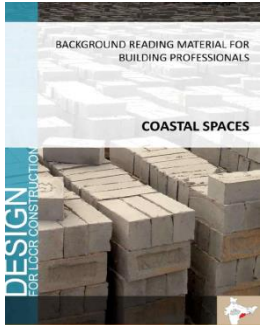
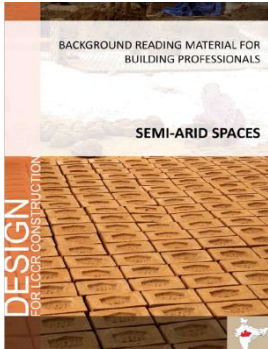
Pages: 52p

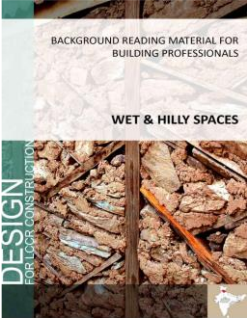
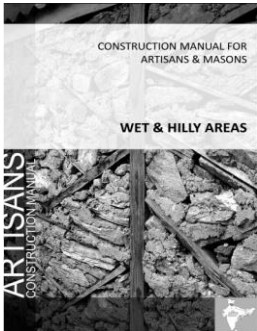
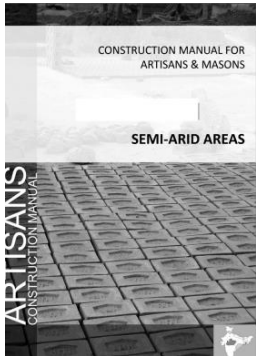
Abstract: This manual is aimed to popularise the VSBK technology as far as possible by providing easy, step by step access to the construction process with all relevant designs and useful photographs. This manual is produced under the project SSTT Malawi.

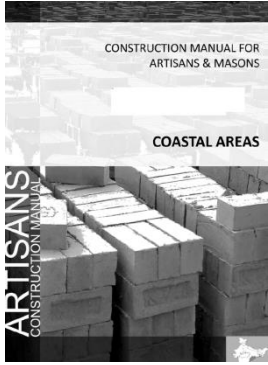
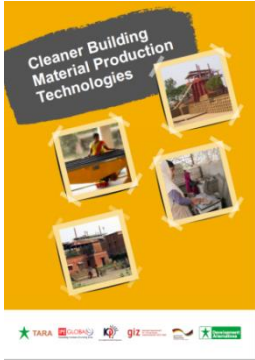
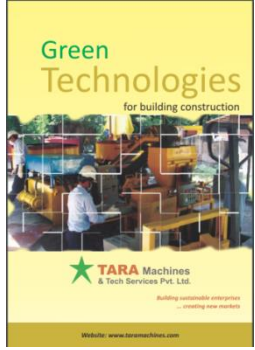
URL: [http://devalt.org/images/L2_ProjectPdfs/\(7\)VerticalShaftManual%20.pdf?Oid=165](http://devalt.org/images/L2_ProjectPdfs/(7)VerticalShaftManual%20.pdf?Oid=165)

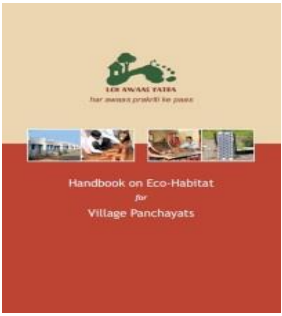

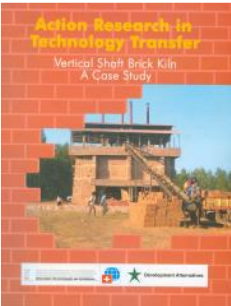
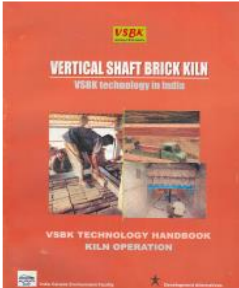
	<p>Title: Vertical Shaft Brick Kiln Design Manual</p> <p>Year of Publication: 2014</p> <p>Pages: 26p.</p> <p>Abstract: This manual aims at understanding and describing the needs for design methods that have arisen in response to interest in Malawi for the energy efficient and environment friendly brick firing technology i.e. the Vertical Shaft Brick Kiln (VSBK) technology</p>
	<p>Title: Green Brick Making Manual</p> <p>Year of Publication: 2014</p> <p>Pages: 46p</p> <p>Abstract: This manual has been developed in response to the interest in Malawi to understand the process of production of green bricks. It aims to describe the different methods of production of green bricks. The manual also explains in detail the methods of testing of soil for determining its suitability in brick making and the drying, stacking and storage of green bricks</p>
	<p>Title: Low Carbon and Resource Efficient Technology: Scaling Up of Fly Ash Brick Technology in India</p> <p>Year of Publication: 2014</p> <p>Pages: 26p</p> <p>Abstract: This report talks about the task of promotion of use of fly ash as a resource material for use in construction and other purposes was undertaken by various stakeholders including government departments and ministries and academic and R&D institutions.</p> <p>URL: https://www.apn-gcr.org/resources/files/original/1f1ab94ed4651ca0247734fec8c5245b.pdf</p>
	<p>Title: South-South Technology Transfer Low Carbon Building Technologies</p> <p>Year of Publication: 2014</p> <p>Pages: 60p</p> <p>Abstract: This assessment conducted by the DA Group in collaboration with Centre of Community Organization and Development (CCODE), examined the feasibility of introducing green building material production techniques and methods like the Vertical Shaft Brick Kiln, Micro Concrete Roofing Tiles, RCC Door and Window Frames etc. in Malawi. It showed that all pre-requisites to transfer this technology to Malawi exists and the project would have the support of most institutions in the Malawian housing sector. These low carbon building technologies within the portfolio of DA Group have potential to deal with the dual challenge of mitigating GHG emissions while catering to the housing demand through livelihood creation for poverty alleviation.</p>

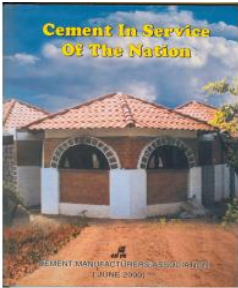
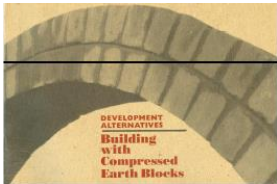


	<p>Title: Climate and construction: an impact assessment</p> <p>Year of Publication: 2013</p> <p>Pages: 29p</p> <p>Abstract: The report presents a brief global and Indian perspective on the carbon intensity of the construction sector and issues of climate vulnerability in the South Asian region. This is followed by a detailed description of the three study areas in Himachal Pradesh (wet-hilly), Orissa (coastal) and Madhya Pradesh (semi-arid) in terms of the Climate, Natural Resources and Building Construction Practices.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/Climate_and_construction-an_impact_assessment(1).pdf?Oid=52</p>
	<p>Title: Material and Technology</p> <p>Year of Publication: 2013</p> <p>Pages: 27p</p> <p>Abstract: This The inventory has been designed as a reference guide to designers and habitat practitioners in order to assist them in choosing appropriate technologies.</p> <p>URL: http://www.devalt.org/images/L2_ProjectPdfs/Material_and_Technologyan_inventory_of_selected_materials_and_technologies_for_buildingconstruction.pdf?Oid=45</p>
	<p>Title: Background reading material for policy makers: wet and hilly areas: policy for LCCR Construction</p> <p>Year of Publication: 2013</p> <p>Pages: 36p.</p> <p>Abstract: This manual specifically looks at LC-CR construction for wet and hilly climate for policy makers. The state of Himachal Pradesh acts as a model similar for wet and hilly regions across the Indian subcontinent as South Asia. The target group includes executive and political decision makers at State and District level.</p> <p>The objective of this manual is to impart knowledge on design and planning for resource and energy efficient building.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/Background_reading_material_for_building_professionals_wet_and_hilly_areas_Design_for_LCCRConstruction.pdf?Oid=38</p>
	<p>Title: Background reading material for policy makers: semi-Arid areas, Policy for LCCR construction</p> <p>Year of Publication: 2013</p> <p>Pages: 32p.</p> <p>Abstract: This manual specifically looks at LC-CR construction for semi-arid climate for policy makers. The state of Madhya Pradesh acts as a model similar for semi-arid regions across the Indian subcontinent as South Asia. The target group includes executive and political decision makers at State and District level.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/Background_reading_material_for_policy_makers_semi-Arid_areas_Policy_for_LCCR_construction.pdf?Oid=53</p>

	<p>Title: Background reading material for policy makers: Coastal areas, Policy for LCCR construction</p> <p>Year of Publication: 2013</p> <p>Pages: 33p.</p> <p>Abstract: This manual specifically looks at LCCR construction for coastal climate for building professionals. The state of Orissa acts as a model for similar coastal regions across the Indian subcontinent as well as South Asia. The target group includes executive & political decision makers at state and district level. The objective of the manual is to impart knowledge on design and planning of resource and energy efficient buildings.</p>
	<p>Title: Background reading material for building professionals: Coastal spaces, Policy for LCCR construction</p> <p>Year of Publication: 2013</p> <p>Pages: 35p.</p> <p>Abstract: This manual specifically looks at LCCR construction for coastal climate for building professionals. The state of Orissa acts as a model for similar coastal regions across the Indian subcontinent as well as South Asia. The target group includes architects, civil engineers, and project managers of sustainable / low carbon habitat projects. The objective of the manual is to impart knowledge on design and planning of resource and energy efficient buildings.</p>
	<p>Title: Background reading material for building professionals: semi-arid spaces, Policy for LCCR construction</p> <p>Year of Publication: 2013</p> <p>Pages: 37p.</p> <p>Abstract: This manual specifically looks at LCCR construction for semi-arid climate for building professionals. The state of Madhya Pradesh acts as a model for similar semi-arid regions across the Indian subcontinent as well as South Asia. The target group includes architects, civil engineers, and project managers of sustainable / low carbon habitat projects. The objective of the manual is to impart knowledge on design and planning of resource and energy efficient buildings.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/Background_reading_material_for_policy_makers_semi-Arid_areas_Policy_for_LCCR_construction.pdf?Oid=53</p>

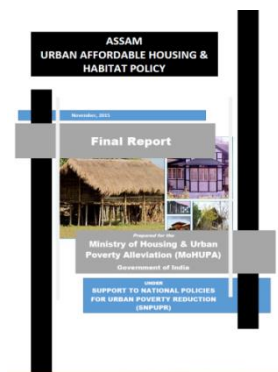
	<p>Title: Background reading material for building professionals: wet and hilly areas, Design for LCCR Construction</p> <p>Year of Publication: 2013</p> <p>Pages: 31P</p> <p>Abstract: This manual specifically looks at LC-CR construction for wet and hilly climate for building professionals. The state of Himachal Pradesh acts as a model similar for wet and hilly regions across the Indian subcontinent as South Asia. The target group includes architects, civil engineers, project managers of sustainable/ low carbon habitat projects and NGOs/ implementing agencies.</p> <p>URL:http://www.devalt.org/images/L2_ProjectPdfs/Background_reading_material_for_building_professionals_wet_and_hilly_areas_Design_for_LCCRConstruction.pdf?Oid=38</p>
	<p>Title: Construction manual for artisans and Masons: wet and hilly areas: Artisans construction manual</p> <p>Year of Publication: 2013</p> <p>Pages: 42p.</p> <p>Abstract: This manual specifically looks at LC-CR construction for wet and hilly climate for artisans and masons. The state of Himachal Pradesh acts as a model similar for wet and hilly regions across the Indian subcontinent as South Asia. The target group includes artisans and masons of sustainable/ low carbon habitat projects and NGOs/ implementing agencies</p> <p>URL:http://www.devalt.org/images/L2_ProjectPdfs/Construction_manual_forartisans_and_Masons_wet_and_hilly_areas_Artisans_constructionmanual.pdf?Oid=51</p>
	<p>Title: Construction manual for artisans and Masons: semi-arid areas: Artisans construction manual</p> <p>Year of Publication: 2013</p> <p>Pages: 60p.</p> <p>Abstract: This manual specifically looks at LC-CR construction for semi-arid climate for artisans. The state of Madhya Pradesh acts as a model for similar semi-arid regions across the Indian subcontinent as well as South Asia. The target group includes artisans, masons and supervisors of sustainable/ low carbon habitat projects. The objective of the manual is to impart knowledge on constructing resource and energy efficient buildings</p>

	<p>Title: Construction manual for artisans and Masons: coastal areas: Artisans construction manual</p> <p>Year of Publication: 2013</p> <p>Pages: 35p.</p> <p>Abstract: This manual specifically looks at LC-CR construction for coastal climate for artisans. The state of Orissa acts as a model for similar coastal regions across the Indian subcontinent as well as South Asia. The target group includes artisans, masons and supervisors of sustainable/ low carbon habitat projects. The objective of the manual is to impart knowledge on constructing resource and energy efficient buildings.</p>
	<p>Title: Cleaner Building Material Production Technologies</p> <p>Year of Publication: 2013</p> <p>Pages: 30p.</p> <p>Abstract: Cleaner Building Material Production Technologies - This booklet is a compilation of various technologies for Micron Technology, Fly Ash Brick Technology, Soft Mud Moulding, The Housing Company, Urban Research Institute, Green Cast Technology and others</p>
	<p>Title: Cleaner Brick Production Technologies</p> <p>Year of Publication: 2013</p> <p>Pages: 24p.</p> <p>Abstract: Brick Production Technologies - This booklet is a compilation of various technologies for cleaner brick production. These technologies are Vertical Shaft Brick Kiln, Fly Ash Brick technology, Hybrid Hoffman Kiln technology, Zig Zag Kiln and Improved mechanization process.</p>
	<p>Title: TARA Machines & Tech Services Pvt. Ltd.</p> <p>Year of Publication: 2013</p> <p>Pages: 15p.</p> <p>Abstract: Green Technology Portfolio document for building construction, waste recycling and handmade paper production.</p> <p>URL: http://www.taramachines.com/brochure/TARA%20Machines%20Catalogue.pdf</p>

	<p>Title: Handbook on Eco-Habitat for Village Panchayats</p> <p>Year of Publication : 2012</p> <p>Pages: 60p.</p> <p>Abstract: In this handbook, eco-habitat is referred to a contextually relevant, environmentally and socially responsible housing and habitat development. It includes the concept of energy and resource efficient construction, non-polluting and environmental friendly technologies, job creation and local wealth generating habitat practices that result in safe and sustainable rural habitat.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/PRI_Handbook.pdf?Oid=9</p>
	<p>Title: Green Brick Making Manual</p> <p>Year of Publication: 2008</p> <p>Pages: 86p.</p> <p>Abstract: This green brick production manual has been written by VSBK technology related professionals with the aim to transfer the knowhow of best green brick production practices, especially for the new VSBK firing technology, to all professionals and brick making practitioners who aspire to know more about the HOW and WHY of green brick making</p> <p>URL: http://www.ecobrick.in/resource_data/KBAS100046.pdf</p>
	<p>Title: Action research in technology transfer: Vertical shaft brick kiln, a case study</p> <p>Year of Publication: 2006</p> <p>Pages: 68p.</p> <p>Abstract: The brick industry in India is struggling to respond to the demands of cleaner environment, social equity and emerging market needs. Environmental regulation has resulted in the establishment of standards for air quality and norms for utilization of fly ash in brick production, but compliance continues to be an uphill task. This book has responded to the multiple challenges of achieving desired environmental quality, skill building and economic efficiency with higher profitability in brick production.</p>
	<p>Title: Vertical Shaft Brick Kiln technology in India: VSBK technology handbook kiln operation</p> <p>Year of Publication: 2005</p> <p>Pages: 108p.</p> <p>Abstract: This handbook is providing a guide to firing, initialization, stabilization and establishment of optimum brick quality for VSBK Kilns in Northern, Central and Eastern India.</p>

	<p>Title: Cement in service of the nation</p> <p>Year of Publication: 2000</p> <p>Pages: 90p.</p> <p>Abstract: It is widely believed that cement based construction results in high cost of construction. This is a fall out of the situation wherein a high tech material like cement is used inefficiently by untrained masons, supervisors and the contractors. For this concern this publication has devised the alternative building systems and technologies which are based on efficient utilization of cement and other materials resources.</p>
	<p>Title: Building with compressed earth blocks</p> <p>Year of Publication: 1993</p> <p>Pages: 24p.</p> <p>Abstract: This booklet introduces the theory and practices of construction with compressed earth blocks. This is an illustrated booklet describes about Research in the field of earth construction is being carried out at many places, some of which are listed at the end of this booklet.</p>
	<p>Title: Sustainable building practices: a stakeholder based evaluation methodology</p> <p>Pages: 12p.</p> <p>Abstract: This document presents a practical evaluation tool for buildings through a stakeholder based process of “people defining sustainability”. Presents a methodology, a diverse set of stakeholders came together in the process to identify ecological, social and financial indicators for sustainability of building practices. It is intended to inform the reader about initiating and replicating the evaluation methodology in a region along with local stakeholders.</p>
	<p>Title: Appropriate building systems instructional manual</p> <p>Year of Publication: 1993</p> <p>Pages: 56p.</p> <p>Abstract: The instructional manual describes the appropriate building technology and building components. It describes the building methods largely based on the earth construction techniques.</p>

Category : Housing and Habitat



Title: Assam Urban Affordable Housing & Habitat Policy

Publisher: Development Alternatives

Year of Publication: 2015

Pages: 110p.

Abstract: The purpose of this study was to review the trends of urbanisation and affordable housing demand and supply in the state and identify key issues in the implementation of affordable housing policies and projects. This is expected to guide the identification and formulation of policy alternatives for the state of Assam.



Title: West Bengal Urban Affordable Housing & Habitat Policy

Year of Publication: 2015

Pages: 68p.

Abstract: The purpose of this study was to review the trends of urbanisation and affordable housing demand and supply in the state and identify key issues in the implementation of affordable housing policies and projects. This is expected to guide the identification and formulation of policy alternatives for the state of West Bengal.

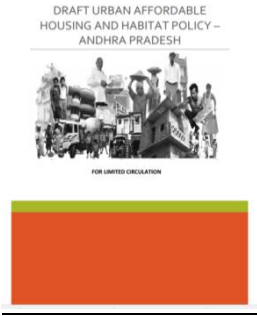




Title: Sikkim Urban Affordable Housing and Habitat Policy

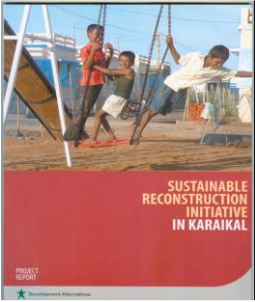
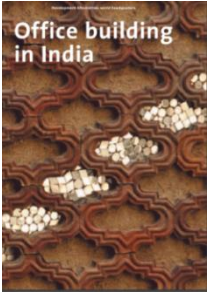

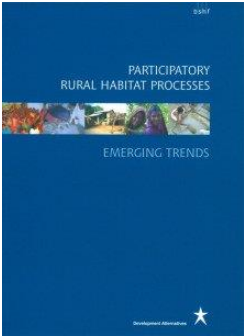
Year of Publication: 2015

Pages: 57p.

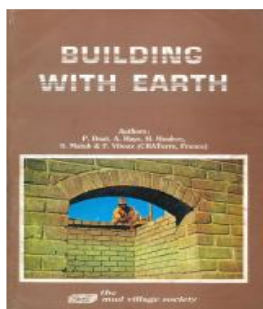
Abstract: The purpose of this study was to review the trends of urbanisation and affordable housing demand and supply in the state and identify key issues in the implementation of affordable housing policies and projects. This is expected to guide the identification and formulation of policy alternatives for the state of Sikkim.

	<p>Title: Draft Urban Affordable Housing And Habitat Policy – Andhra Pradesh</p> <p>Pages: 36p.</p> <p>Abstract: This policy was formulated with a citizen centric view, keeping forth the economic, physical and social comforts of the citizen as an end user. The policy, in order to bring more dignity to the end user and to encourage a market driven perspective amongst the service providers, discourages the usage of the term beneficiary. The policy also seeks to promote the state and the administering Urban Local Bodies as facilitators to the process of habitat development. It also supports the view of usufruct rights to land, discourages the concept of land ownership by the customer and supports the idea of shelter ownership.</p> <p>URL:http://devalt.org/images/L2_ProjectPdfs/Draft%20Urban%20Housing%20Policy.pdf?Oid=97</p>
	<p>Title: Design and planning of affordable innovative green social housing: Plain Region</p> <p>Year of Publication: 2014</p> <p>Pages: 131p.</p> <p>Abstract: The design standards developed in this catalogue cater to three categories from the economic stand point i.e. Economically Weaker Section (EWS) with carpet area within 21-27 sq.mt , Lower Income Group-A (LIG-A) with carpet area within 28-40 sq.mt. and Lower Income Group-B (LIG-B) with carpet area within 41-60 sq.mt. in Indian plains.</p> <p>URL:http://devalt.org/images/L2_ProjectPdfs/Design%20Catalogue%20for%20Central%20Plains%20Region.pdf?Oid=96</p>
	<p>Title: Design and planning of affordable innovative green social housing: Coastal Region</p> <p>Year of Publication: 2014</p> <p>Pages: 135p.</p> <p>Abstract: The purpose of this catalogue is to introduce design standards and specifications for sustainable affordable housing in the coastal regions of India in order to facilitate the state agencies in planning and construction.</p> <p>URL:http://devalt.org/images/L2_ProjectPdfs/Design%20Catalogue%20for%20Coastal%20Region.pdf?Oid=95</p>

	<p>Title: Sustainable Social Housing Initiative : Stakeholder Assessment Report</p> <p>Year of Publication: 2014</p> <p>Pages: 43p.</p> <p>Abstract: This report presents the finding of an assessment on sustainability in urban social housing in India undertaken by Development Alternatives under the UNEP -Sustainable Social Housing Initiative (SUSHI). The assessment aims at creating a better understanding of the integration of environmental sustainability in the social housing space in India. It comprises of an institutional mapping, which identifies the relevant actors in the social housing ecosystem, and an evaluation of stakeholders' awareness of environmental sustainability.</p> <p>URL:http://devalt.org/images/L2_ProjectPdfs/Sustainable%20Social%20Housing%20Initiative.pdf?Oid=94</p>
	<p>Title: Sustainable Social Housing Initiative</p> <p>Year of Publication: 2014</p> <p>Pages: 10p.</p> <p>Abstract: This is the final report of the project UNEP-SUSHI. Under this project activities were developed to survey the social housing stakeholders.</p> <p>URL:https://smartnet.niua.org/sites/default/files/resources/Sustainable%20Social%20Housing%20Initiative.pdf</p>
	<p>Title: Understanding Rural Habitat : lessons in sustainability</p> <p>Year of Publication: 2012</p> <p>Pages: 184p.</p> <p>Abstract: To introduce practitioners to the policy recommendations And to capture best practices from the ground, basin-South Asia initiated a unique concept of Lok Awasi Yatra. It is a journey for sustainable habitat development was designed as a series of five exposure visits by a mixed group of panchayat representatives, district rural engineers, village artisans, and civil society practitioners across 50 districts of North, South, East, West and Central regions of India.</p> <p>This document is a compendium of the lessons from the projects visited and an analysis of the cross cutting systematic measures that appear critical for replication of good practices in habitat development at scale.</p> <p>URL:http://devalt.org/images/L2_ProjectPdfs/Understanding_Rural_Habitat%E2%80%9393LessonsInSustainability.pdf?Oid=15</p>

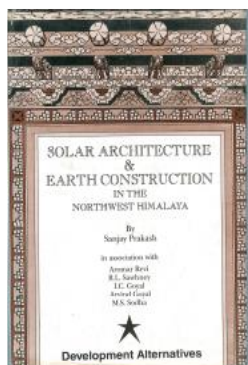
	<p>Title: Sustainable Reconstruction Initiative in Karaikal</p> <p>Year of Publication: 2008</p> <p>Pages: 48p.</p> <p>Abstract: This document is the result of a study undertaken by Skat Consulting and Development Alternatives to assess the feasibility of reconstruction initiatives in Karaikal region of Pondicherry in India. It will form the basis for a proposal to the Swiss Solidarity Chain for resources to support reconstruction and rehabilitation activities in Karaikal. Overall, the feasibility study points to a strategic direction for the project that develops the social and technical potential of the targeted communities and local agencies for a visible, long term impact on the lives of the survivors of the Tsunami.</p>
	<p>Title: Office Building in India</p> <p>Year of Publication: March 2008</p> <p>Pages: 71p.</p> <p>Abstract: This book is published by Holcim Foundation and describes the design, architecture and layout of the DA building in details.</p>
	<p>Title: Safe Habitat</p> <p>Year of Publication: July 2008</p> <p>Set: 6.</p> <p>Abstract: This dockets contain set of 6 pamphlet about Natural and human made disasters pose an ever-greater threat to the lives and livelihoods of millions of people in the Development World Especially vulnerable are the large majority of rural populations in these countries who exist in close communion with natural phenomena. Development achievements here can be wiped out by a major disaster and economic growth reversed.</p>
	<p>Title: Participatory Rural Habitat Processes Emerging Trends</p> <p>Year of Publication: August 2005</p> <p>Pages: 85p.</p> <p>Abstract: The book comprehensively reviews 13 case studies in South Asia demonstrating how communities can be involved in developing and maintaining the rural habitat process. By setting out a framework for analysis, it identifies the key processes and transferable lessons from each study and recommends ways of scaling up good practices and promoting the up-take of such projects.</p>

	<p>Title: Owner Driven Housing Process Reconstruction Programme in Bhachau</p> <p>Year of Publication: March 2006</p> <p>Pages: 24p.</p> <p>Abstract: The aim of this publication is to address the Post disaster rehabilitation, and reconstruction programmes are driven by compulsions of coverage and speed: targets of number and time.</p> <p>URL: http://www.unnati.org/pdfs/books/OwnerDrivenHousingProcess.pdf</p>
	<p>Title: Framework for a Rural Habitat Policy for India</p> <p>Year of Publication: 2006</p> <p>Pages: 29p.</p> <p>Abstract: The aim of this publication is to address the critical need for a comprehensive policy document for habitat development in rural areas, one that lays down broad guidelines which provide enough flexibility for interpretation and implementation at the grassroots so that solutions are truly responsive to the needs of the people.</p>
	<p>Title: Shelter in India</p> <p>Year of Publication: 1990</p> <p>Pages: 158p.</p> <p>Abstract: The book identifies the major issues of resources, technologies, institutions and policies which must underlie any action in housing and carries out a detailed analysis of public action on housing during the period since independence. It presents the no. of conclusion regarding the relative magnitude of the governmental and or formal effort in this sector and on the deficiencies in information and knowledge without which further progress can only be very slow</p>



Title: Building With Earth
Year of Publication: 1991
Pages: 284p.





Abstract: This book not only explodes the myths about the mud, a natural material but shows the way of the how and whys it goes in this construction process. It spans different continents and time frames right up to contemporary times.



Title: Solar Architecture & earth construction in the Northwest Himalaya
Year of Publication: 1991
Pages: 132p

Abstract: This book represents the efforts of architects, engineers and scientists, and describes the status of building construction and design in two high altitude cold desert areas of the north western Himalayas: Ladakh and Spiti. The book profiles the existing topography, vegetation, climate, resource and energy situation, going on to describe the current state of building technology and design and includes 8 case studies of existing buildings with three design projects for energy conscious building.

Journal Articles

	<p>Title: Fly Ash Brick: An Alternate Ecofriendly Brick Technology</p> <p>Author: Achu R Sekhar</p> <p>Magazine: Quality Edge</p> <p>Year of Publication: 2017</p> <p>Pages: 20-22p.</p> <p>Abstract: Clay fired bricks form the backbone of the construction industry which is valued at approximately US\$ 13.6 billion. The brick sector in India, although unorganised, is tremendous in size and spread. India is the second largest brick producer in the world.</p> <p>URL: http://devalt.org/images/L2_ProjectPdfs/FlyAshBrick_QualityEdge_Achu.pdf?Oid=120</p>
	<p>Title: Examining the Environmental Impact of Demand-Side and Renewable Energy Technologies</p> <p>Year of Publication: 2016</p> <p>Pages: 216-217p.</p> <p>Abstract: Building upon these contributions, the IRP will publish a synthesis report later this year, with these papers as a technical appendix. The synthesis report will inform policy makers about the benefits, risks, and trade-offs of energy efficiency technologies and their combined effects when deployed alongside low-carbon electricity supply technologies.</p>
	<p>Title: Affordable eco-housing for the Masses</p> <p>Author: Zeenat Niazi</p> <p>Magazine: Eco Construction Review Magazine</p> <p>Year of Publication: 2016</p> <p>Pages: 14-15p.</p> <p>Abstract: EcoConstruction India catches up with Zeenat Niazi, on Multi-pronged interventions in design, technology, finance and delivery methods.</p>
	<p>Title: Sustainable Infrastructure Development Through Eco-friendly Cement and Bricks Technology</p> <p>Author: Development Alternative</p> <p>Magazine: CE&CR</p> <p>Year of Publication: March 2015</p> <p>Pages: 1-3p.</p> <p>Abstract: This article describes how Development Alternatives (DA) Group along with three IITs are conducting a study on eco-friendly cement technology and thus working towards sustainable wellbeing of the planet.</p>



Title: Green Reality: A Sunrise Sector Awaits Quickening

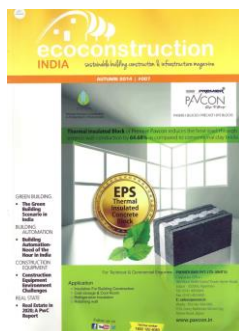
Author: Anuj Dewan

Magazine: Earth Care Optimised

Year of Publication: March 2014

Pages: 34-37p.

Abstract: This article emphasises how the green building industry can play a significant role in reducing CO2 emissions, reduce pressure on resources and maintain India's real estate boom.



Title: Green Building Materials in India

Author: Dr. Soumen Maity

Magazine: EcoConstruction India






Year of Publication: 2014

Pages: 44-45p.

Abstract: EcoConstruction India catches up with Dr. Soumen Maity, Team Leader, Technology- Development Alternatives, on the major breakthrough of low carbon cement called Limestone Calcined Clay and Portland Cement or LC3 cement.



Audio Visual

	<p>Title: Building a Greener World</p> <p>Link: https://www.youtube.com/watch?v=dLmsdBwGrqs&t=267s</p> <p>Abstract: An excellent example of the 'green building solutions' developed by development alternatives is its world headquarters located in New Delhi. The 'green building' - a cutting edge prototype -- is India's first institutional structure aimed at zero emissions and carbon neutrality.</p> <p>It sets a standard for 'responsible construction practices' that relies on the use of alternative, eco-friendly and cost effective building methods, technologies and solutions, and shows that India has an opportunity to bypass the costly environmental mistakes of the industrialised world.</p>
	<p>Title: DA Corporate Film</p> <p>Published on: Jun 21, 2014</p> <p>Link: https://www.youtube.com/watch?v=LwzXI7UQfxE</p> <p>Abstract: Corporate Film of Development Alternatives Group</p>
	<p>Title: Green Building Technology Eco Solutions for Growth CLEAN Technology</p> <p>Published on: Jul 18, 2014</p> <p>Link: https://www.youtube.com/watch?v=1m6PGvILK7I</p> <p>Abstract: The construction sector is an important part of the economy, contributing about 8% to the national GDP over the last 5 years. It also provides employment to 18 million people directly. The downside of this sector is its enormous resource and energy footprint. The impact is only set to increase with an estimated shortage of about 60 million houses during the twelfth five-year period of 2012-2017.</p>
	<p>Title: In Quest of Eco Habitats Lok Awaas Yatra</p> <p>Published on: 30th October, 2012</p> <p>Link: https://www.youtube.com/watch?v=dZeE9xe84IA</p> <p>Abstract: In Quest of Eco-Habitats_Lok Awaas Yatra</p>
	<p>Title: Mador, Ek Ubharta Hua Gaon</p> <p>Published on: 7th March, 2011</p> <p>Link: https://www.youtube.com/watch?v=57ldGngpdd4&t=7s</p> <p>Abstract: Mador, Ek Ubharta Hua Gaon</p>