



The NIA & Solid Wall Insulation

www.nia-uk.org



The NIA

- Introduction to the NIA
- Solid Wall Insulation Market and Solutions
- Challenges/Solutions
- Support Available



The NIA

- Represent all of the Insulation Industry.
 - Over 200 members
 - Incorporating Manufacturers, System Designers & Installers
 - + Scheme Managers, GDPs & Energy Advice Organisations
- Focal point for “Whole House” energy efficiency solutions.
- Full time executive team.
- Engagement with Government departments & key stakeholders.
- Heavily involved in the development of Green Deal and ECO.
- Promote the benefits of insulation.
- Central source of information and technical guidance.
- Maintain industry quality and standards.



NIA SWI Membership

- Lead trade body for SWI
 - EWI, IWI and HWI (Hybrid)
 - 20 + major EWI and IWI manufacturers/system designers
 - 70 + EWI and IWI installers
- Opportunities for partnerships/collaboration
- New External Stakeholder Forum





SWI Organisation

NIA Solid Wall Group

- Formed in April 2012
- EWI and IWI manufacturers/SDs/installers
- Domestic and commercial markets/new build and retrofit
- Oversee the development and implementation of NIAs market and supply chain development plans
- Working Groups
 - Marketing/Policy/Technical



SWI Market & Solutions



The Opportunity for SWI

- Around 7m homes with solid walls
- 45% of heat lost through solid walls
- 2.3m by 2022 to hit Climate Change Targets
- Major increase in industry capacity (GD/PAS 2030 accredited!)
- Key area of focus in the Green Deal and ECO
- Social housing will play a key role in the early stages but 1 offs will become increasingly important and require a different approach
- Increasing importance of quality/standards and consumer protection



The Benefits of SWI

- £490 a year saving + 1.9 tonnes carbon

More than just carbon saving

- Corrosion eliminated preventing demolitions
- Freeze-thaw deterioration of render halted
- Dampness chance reduced
- Condensation chance reduced
- Improved appearance of properties/community



External Wall Insulation

- Can be applied to many Non Traditional property types
- Variety of insulation types available
 - Mineral wool, EPS, PIR, Cork
- Wide range of finishes available
 - Renders, Acrylics, Brick Slips
- Improves appearance as well as thermal performance
- DCLG – January 2013
 - Clarified that ‘improvement’ via enlargement/extension
 - Can be carried out on houses under permitted development without planning permission













Internal Wall Insulation

- SWI often seen as only External.
- Range of Internal Wall Insulation systems now available for use in Green Deal and ECO.
- Allows for a like for like replacement internal finish.
- Often installed on properties you would not want to over-clad
 - Conservation Areas/Planning Restrictions
 - Exterior features must be maintained
- Can be combined with EWI – ‘Hybrid Wall Insulation’.



30

Zone ENDS

LB03 DXT







The Challenges



- **Industry Capacity/Skills**
- **Lack of Awareness and Understanding**
 - Specifiers
 - Funders
 - Industry
 - Consumers
- **Quality & Standards + Consumer Protection**



Providing Solutions

Key Initiatives

- New External Stakeholder Forum
 - Energy UK/CAN/NEA/uSwitch/LGA/NHF
- Briefing key organisations + trade & consumer press
- NIA/DECC SWI Events for LAs/HAs
- Developing new training programmes with CITB CSkills
- Provision of a service to connect funders to NIA Installers for GD/ECO
- SMEs Roundtable, DECC Supply Chain Workshop, GD Installer Forum, GD Skills Alliance
- NIA Policy Groups – England, Wales, Scotland
- NIA criteria, CoPP + SWIGA development



Support Available

- **Information and advice**
 - Schemes, funding, measures
 - www.nia-uk.org
 - Literature
 - Presentations/Briefings

- **Access to NIA members**
 - Postcode locator
 - Issue expressions of interest

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