



# Low Carbon Learning: Next Gen

Construction Skills Programme for 16–24 year olds

## Key Facts

### Timescale:

January 2023 - September 2023

### Funder:

£229,000 Young Person  
Guarantee Funding

### Total Attendees :

731 young people attended over  
21 Workshops

100+ adults also participated in  
the training

## Full Programme

Built Environment–Smarter Transformation (BE-ST) received funding from Young Persons Guarantee. The funding trained young people aged 13-24 in three thematic areas Passivhaus Standards, Retrofit Standards and Digital Construction in face to face practical workshops.

The Next Gen programme was open to all 13-24 year olds regardless of the experience or academic credentials, with a focus on those groups underrepresented in construction.

The majority of the session were delivered at BE-ST's 35,000sqft Innovation Campus in Blantyre where the students received specialist training and experienced state of the art equipment Workshops were also adapted to take the sessions to rural areas in the north of Scotland.

We delivered:

- 6 in person Passivhaus Standards workshops to 245 attendees,
- 7 In person Retrofit Standards workshops to 229 attendees
- 8 In person Digital Construction workshops to 257 attendees
- 5 workshops in rural areas of Scotland
- 1 free online module to train young people in the principles of Fabric First construction.



# Impact

We booked in University, Collage and School groups and ran 'Train the trainers' sessions with college lectures. Some of these groups were already pursuing construction qualifications and others at the stage of making career decisions. We tailored workshops and technical content to the knowledge level and experience of the leaners.

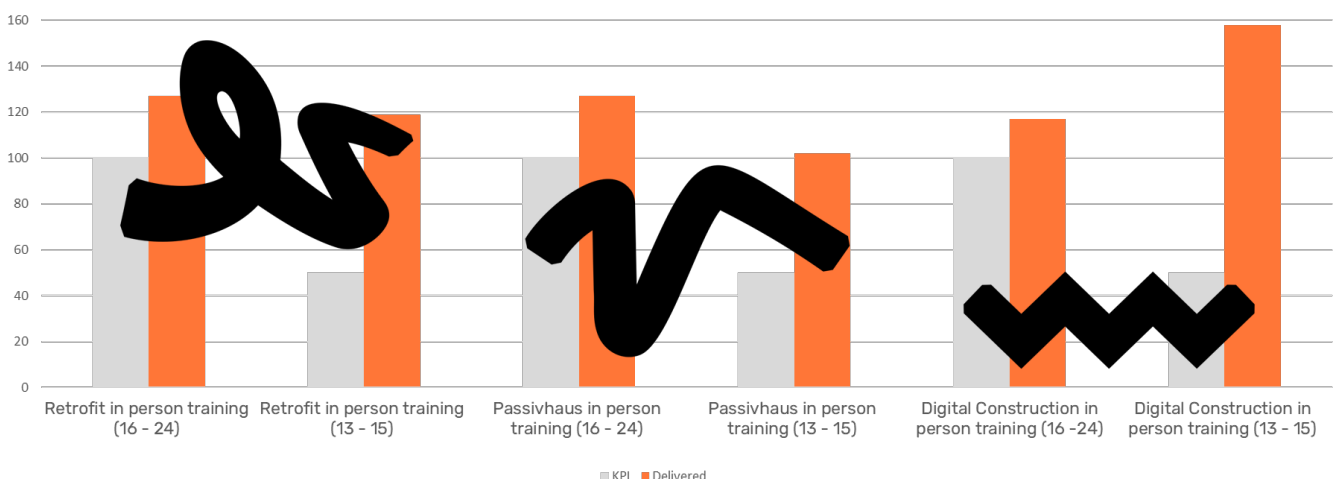
30% of our attendees were female in comparison to the current 10% representation within the construction industry.

Some feedback:

"The enthusiasm and knowledge of the speakers was amazing, very useful to see the physical materials, processes and constructions which has helped me understand passivhaus principles and methods in practice. It is great to see that passivhaus technology is being put to work and not just an idea that still needs pushed so this experience has given me a lot of hope for the future!"

The workshops covered introductory theory and allowed lots of opportunity for hands-on, interactive learning experiences. With a focus on practical sessions to engage learners, the impact of the programme was to grow skills, confidence and competencies essential to reaching Scotland's net zero carbon target.

The skills workshops enhance key learning at a critical point of change for the construction industry. Allowing our young people awareness hands on experience of cutting edge techniques.



Attendances in comparison to KPI's