WEST MIDLANDS CTEC CONSTRUCTION TECHNICAL EXCELLENCE COLLEGE

Dudley College of Technology

DEVELOPING CONSTRUCTION SKILLS FOR THE FUTURE

From training provision to a connected skills system

EEA Skills and Training Conference

The skills system must move as fast as industry

Energy efficiency, retrofit and modern construction are changing what “work-ready” means.

01

Demand changes

Use employer intelligence to identify changing roles, methods and standards.

02

Practice changes

Keep teaching and assessment aligned with current site and workshop practice.

03

Pathways change

Make routes into apprenticeships, employment and higher study visible.

04

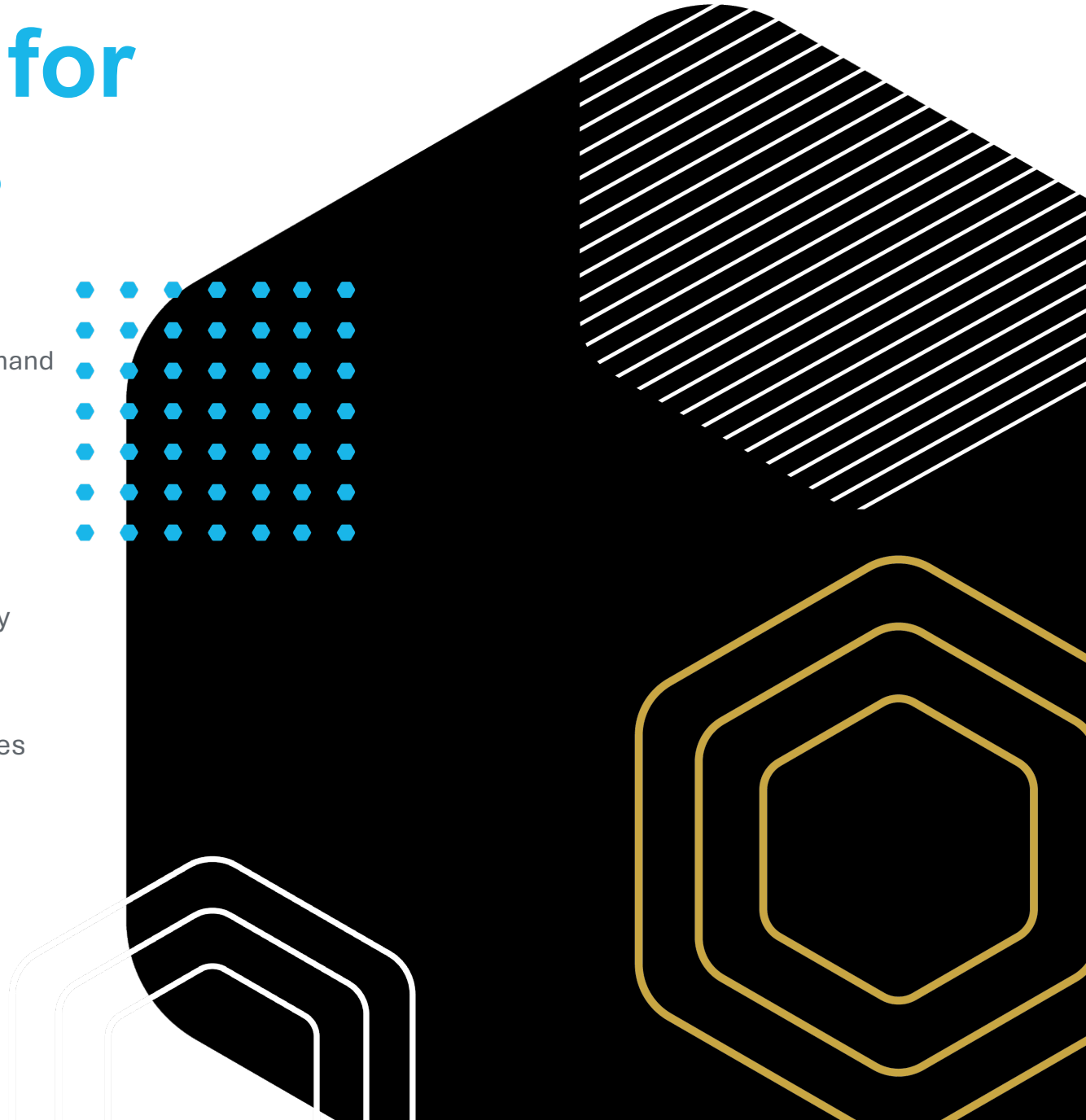
Partnership changes

Replace ad-hoc engagement with repeatable, evidence-led collaboration.

The shift: from “what can we deliver?” to “what capability does the region need next?”

A regional system for construction skills

01	**BUILD Capacity**	Provision shaped by current and future demand
02	**TEACHING QUALITY**	Industry-informed curriculum and CPD
03	**EMPLOYER NEED**	Meaningful contribution to skills delivery
04	**COLLABORATION**	Providers sharing expertise and resources
05	**PROGRESSION**	Clear routes into work and higher study



From set-up to practical delivery

PROVISION

Skills provision mapped across the region

LEARNERS

TruTrade pilot and Routes mobilisation

TEACHERS

WorldSkills UK and technical CPD

EMPLOYERS

Steering group, trade days and employer brokerage

Activity matters. Changed practice and stronger progression matter more.

TruTrade and Routes

Two complementary tools, one aim: help learners move from college into construction.

TRUTRADE

Construction-specific employability learning

- Pilot launched with 18 providers
- Common classroom resources
- Evidence gathered before wider decisions

ROUTES

A clearer bridge to employer opportunity

- Mobilisation with college partners
- Employer-facing pathway discussions
- Designed to support progression visibility



Current teachers. Current industry.

Professional development is successful when it changes teaching, assessment or curriculum.

1

WORLD-CLASS PRACTICE

WorldSkills teaching and assessment approaches

2

TECHNICAL CURRENCY

Specialist, industry-relevant technical updating

3

CASCADE

Lead educators and communities sharing practice

4

EVIDENCE

Capture what changed for teaching and learners



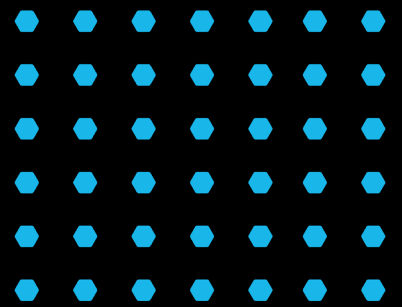
New knowledge
→ changed practice
→ better learner preparation

Choose the contribution that fits your business

Engagement can start small and grow into a longer-term partnership

SHAPE	Share workforce intelligence and curriculum insight
SHOW	Run a demonstration, masterclass or guest session
HOST	Offer a site visit, shadowing or teacher placement
OPEN	Create learner placements, work experience or recruitment routes
CHAMPION	Connect CTEC to supply chains and specialist expertise

Influence future skills
Strengthen recruitment routes
Develop your own staff
Build provider relationships



Teacher industry Exchange

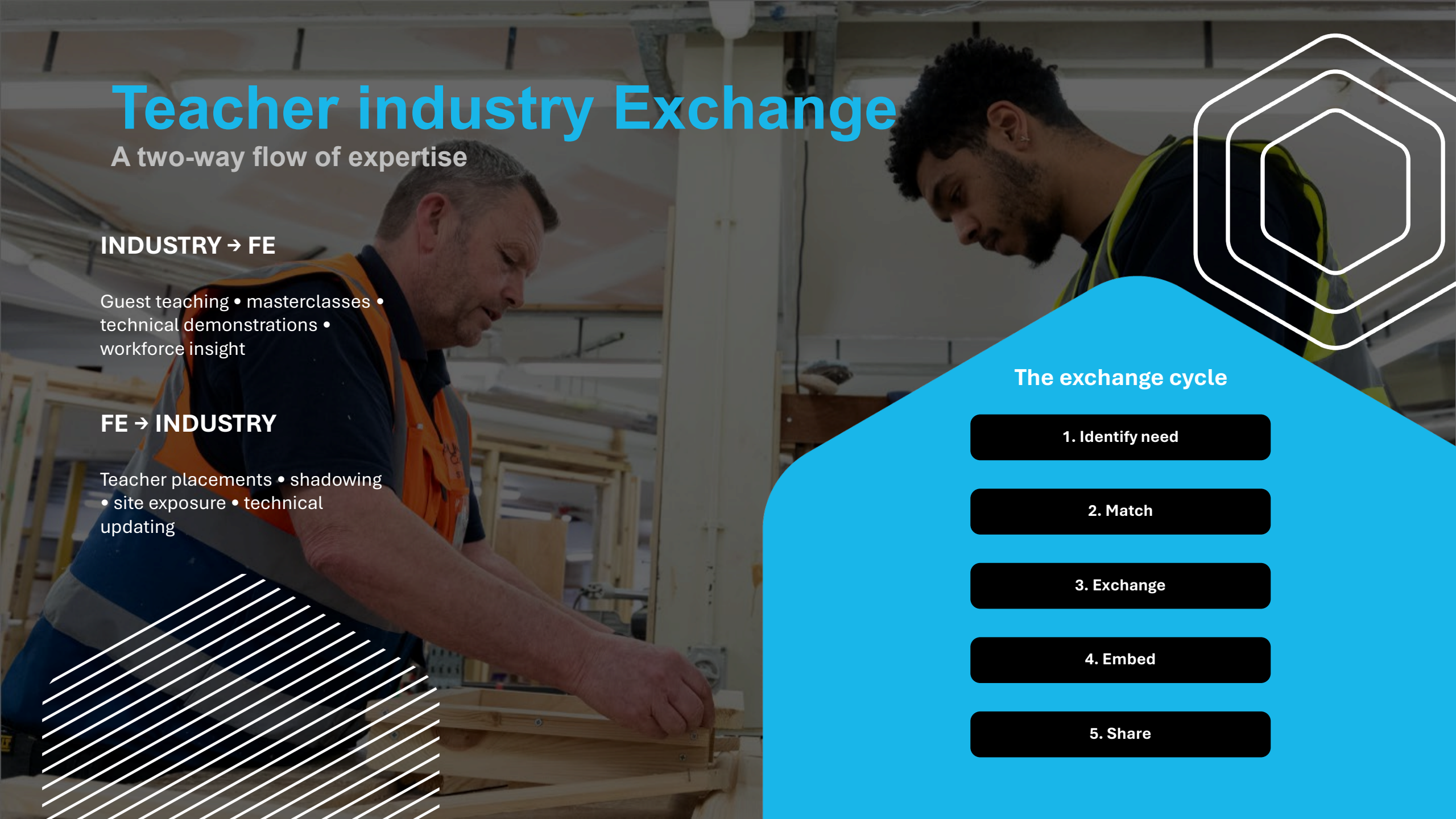
A two-way flow of expertise

INDUSTRY → FE

Guest teaching • masterclasses • technical demonstrations • workforce insight

FE → INDUSTRY

Teacher placements • shadowing • site exposure • technical updating



The exchange cycle

1. Identify need
2. Match
3. Exchange
4. Embed
5. Share

Help us turn exchange into lasting change

One practical commitment can open a longer-term partnership.

01 Tell us

where skills, methods or standards are changing

02 Offer

a session, visit, demonstration or teacher placement

03 Connect

us to specialists, SMEs and supply chains

04 Evidence

what changes for teachers, curriculum and learners

Let’s build the regional skills system together.