



OXFORDSHIRE

**Oxfordshire's Low Carbon Economy**

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ONE  
OWN

# The project team & steering committee

Environmental *Change* Institute



**OXFORDSHIRE  
COUNTY COUNCIL**



**Oxfordshire Local  
Enterprise Partnership**

[www.oxford.gov.uk](http://www.oxford.gov.uk)



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# **Oxfordshire's low carbon economy (2013)**

**... is worth > £1.15bn per year in sales**

**... which is 7% of the County's GVA**

**... employing nearly 9,000 people**

**... in more than 570 businesses**

**... with 'cluster' expertise in building technologies,  
alternative fuels / AFVs and renewable electricity**



**Private / public investment of £100m per year in the low carbon economy could create an additional 10,000 jobs and contribute ~ £1bn annually to Oxfordshire's economy by 2030**

**1. Research and knowledge-intensive activity**

- Support researchers in winning grants from EU and UK research councils
- Enhance connectivity between ideas and commercialisation, inc funding

**2. Test beds for deployment and implementation**

- Use the 'living labs' to deploy technologies & develop business models
- Training and local skilled jobs in (low carbon) building sector, inc NEETs, rural etc

**3. Scale manufacturing**

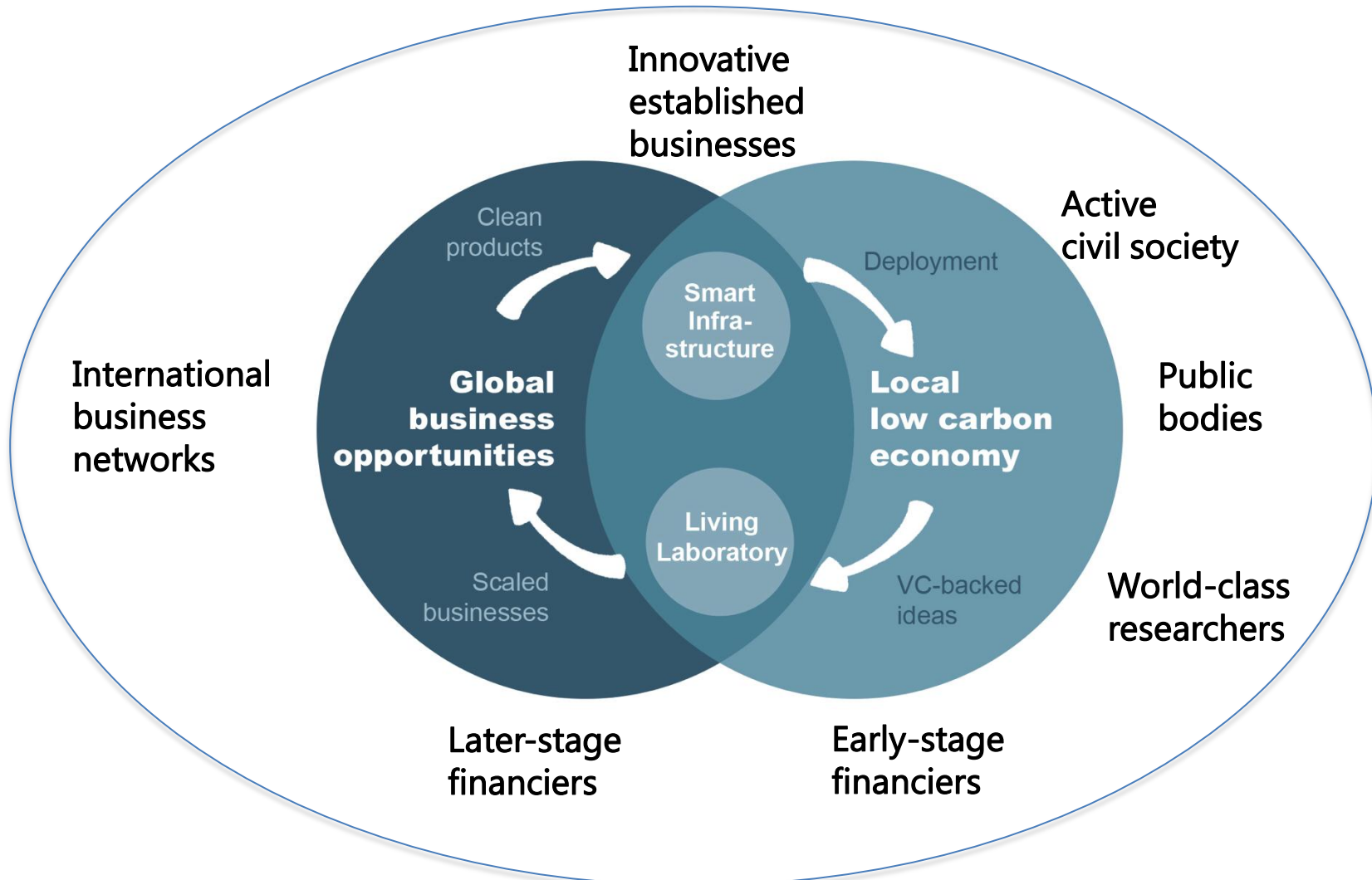
- export orientated (in a \$1-3 trillion global market for low carbon products)
- high tech, where a high-cost labour economy has a competitive advantage

**4. Supporting services for low-carbon activity in Oxfordshire and elsewhere:**

- business
- policy
- professional
- technical etc



**Growth opportunities correlate to areas needing investment – transport, buildings & energy – so infrastructure investment supports low carbon business growth, skills development & job creation**



**... so that decarbonising our infrastructure would support the development of low carbon innovation and business opportunities...**

# What needs to happen

- 1. Focused support for growth sectors and clusters, such as:**
  - alternative fuel vehicles
  - renewable and smart electricity innovations
- 2. Investment in enabling infrastructure, coordination, networks, public strategies & funding to support innovation and growth**
- 3. Specific business cases for public and private sector investment in the context of existing strategies and investment plans (e.g. City Deal, SEP, ESIF, Smart City etc)**
- 4. Smart cluster branding, a county cluster champion – making it easier to attract & retain skills and access enabling infrastructure and investment**

# What are we doing now

- ✓ **Launching the low carbon economy report**
- ✓ **Mapping Oxfordshire's low carbon ecosystem**
- ✓ **Shaping the ESIF Implementation Plan & low carbon funds**
- ✓ **Developing a projects 'database'**
- ✓ **Deepening relationships (eg Climate-KIC, LEPs, clusters etc)**
- ✓ **Initiating 'phase 2' (inc AgileOx, incubator, engagement)**
- ✓ **Telling the 'living laboratory' story**

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- **How can we integrate the learning from the low carbon economy work into our growth strategies and plans?**
    - SEP
    - Smart City
  - **How do we fund and nurture this living laboratory ecosystem – do actors ‘self identify’ as part of the low carbon economy?**
    - ESIF
    - Centre of gravity and engagement



