

TOM HOCKADAY

UNIVERSITY

WHAT IT IS AND

TECHNOLOGY

HOW TO DO IT

TRANSFER



KT in the UK: recent evolutions

Tom Hockaday
NetVal 14 September 2021

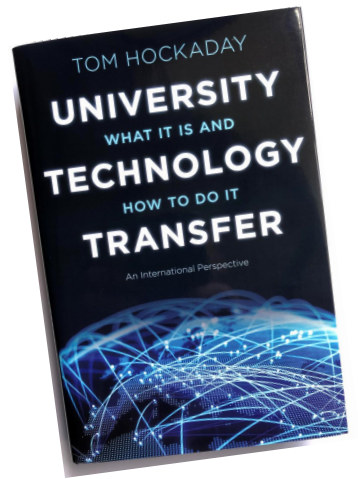
Contents - KT in the UK: recent evolutions

What is it all about?

Evolution

Recent Evolution - KEF / KEC / KEM

Some thoughts ...



My work experience



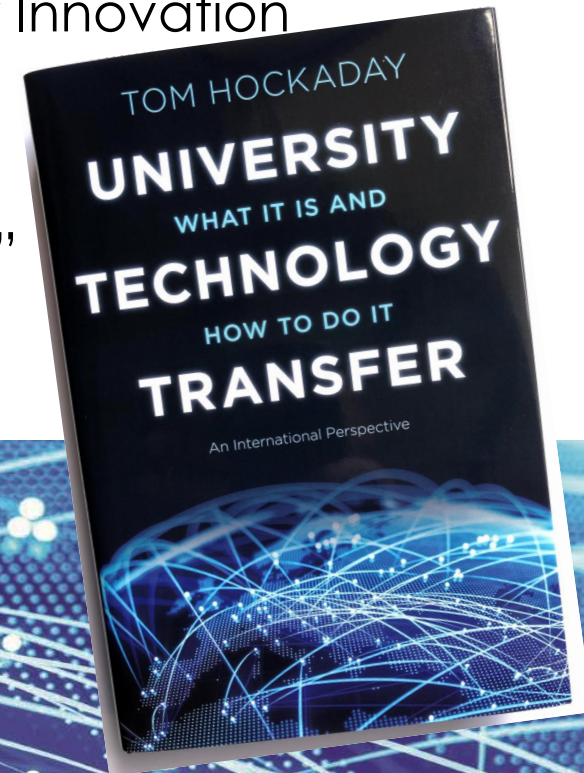
University College London (1989-1993)

Bristol University (1993-2000)

Oxford University (2000-2016) - CEO Isis Innovation / Oxford University Innovation

Independent Consultant - Technology Transfer Innovation Ltd

Author - "University Technology Transfer - What It Is and How to Do It"
(Johns Hopkins University Press, 2020)



What is it all about ?



Sometimes the commercial route is the best way to deliver benefits from university research results.



Oxford University
(research
institution)

Academics,
researchers,
inventors (people)

Oxford University
Innovation (TT)

Oxford Sciences
Innovation
(investor)

Vaccitech (spin-
out company,
SME)

AstraZeneca
(multi-national
company)

UK Government
(regulatory,
government)

2002 Higher Education Innovation Funding

HEIF

£250m pa

Universities submit plans for capacity building and activities

Spread across campus

Amounts awarded by formula, based on current activity level



2014 Research Excellence Framework

1986 onwards Research Assessment Exercise (RAE)

2014 Research Excellence Framework (REF)

Research Outputs 65%

Impact 20%

Research Environment 15%

Impact Case Studies

<https://impact.ref.ac.uk/casestudies/>



2021 Research Excellence Framework

1986 onwards Research Assessment Exercise (RAE)

2014 Research Excellence Framework (REF)

Impact 20%

2021 Research Excellence Framework (REF)



Impact 25%

ref.ac.uk

Results - 2022

Knowledge Exchange Framework

KEF

KEF Metrics / Dashboard

KE Concordat



Knowledge Exchange Framework



Research
England

[Welcome](#) [Explore KEF dashboards](#) [About the KEF](#)



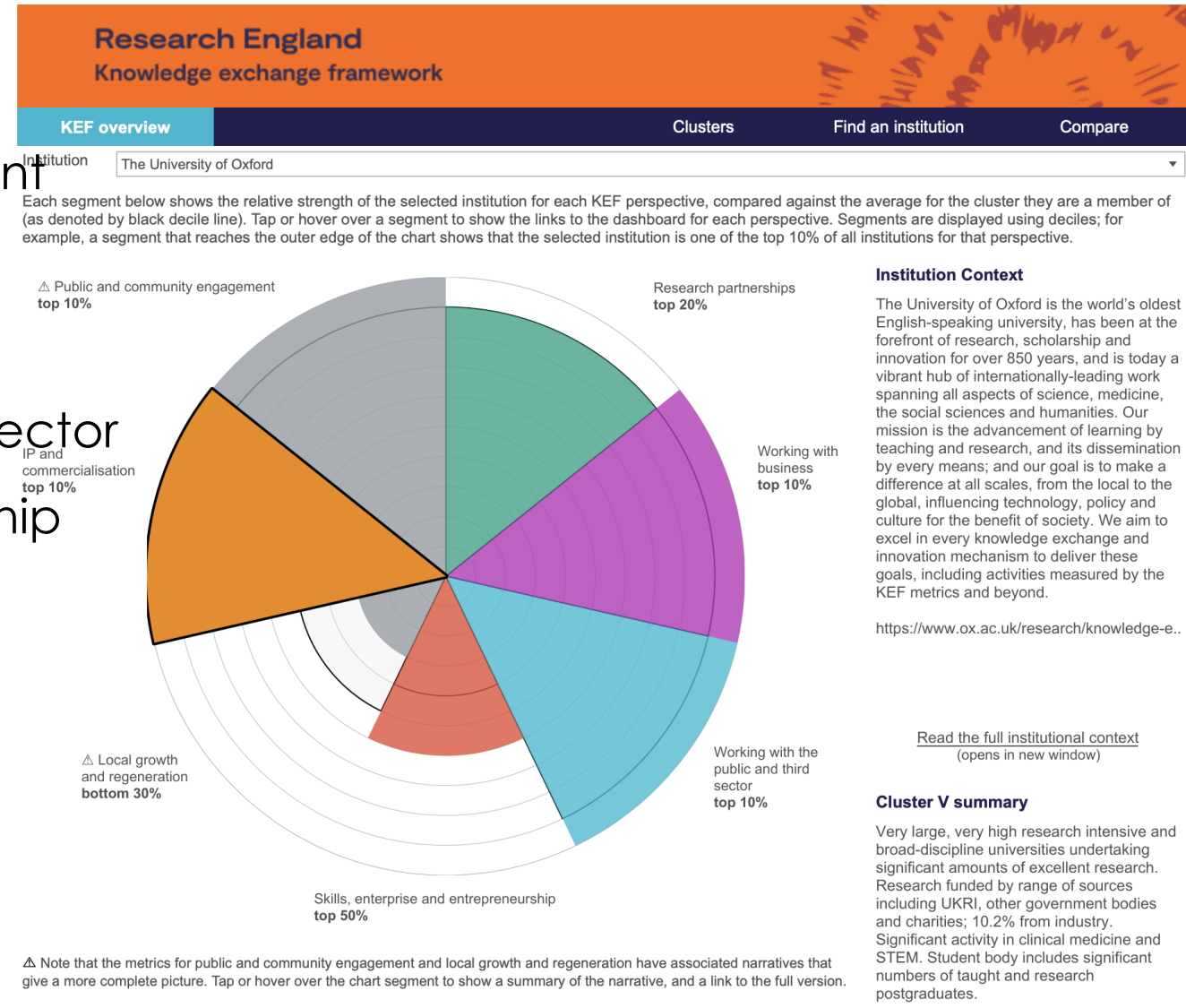
Knowledge Exchange Framework

NOTE This is the first iteration of the KEF website. [Let us know if you have any feedback.](#)

The Knowledge Exchange Framework (KEF) provides a range of information on the knowledge exchange activities of Higher Education Institutions (HEIs) in England. 'Knowledge exchange' is what we call the wide range of activities HEIs undertake with partners. You can use the KEF to explore data and explanations of the different ways they work with their external partners, from businesses to community groups, for the benefit of the economy and society.

KEF DASHBOARD

1. Public and Community Engagement
2. Research Partnerships
3. Working with Business
4. Working with the public and third sector
5. Skills, enterprise and entrepreneurship
6. Local growth and regeneration
7. IP and commercialisation



Knowledge Exchange **Concordat**

Principle 1	Mission
Principle 2	Policies & Processes
Principle 3	Engagement
Principle 4	Working transparently & ethically
Principle 5	Capacity building
Principle 6	Recognition & rewards
Principle 7	Continuous improvement
Principle 8	Evaluating success



March 2021

126 HEPs have signed up to the Principles

HEP = Higher Education Provider (a University!)

www.keconcordat.ac.uk

SOME THOUGHTS



Purpose

What is the Purpose of your TTO/Office ?
write it down, 'a purpose statement'

What, then How

1. What do we want?
2. How can we achieve it?

Purpose

“The Technology Transfer Office helps researchers who want to commercialise the results of their research”

Dr Tim Cook, MD Isis Innovation 1997-2006

from: University Technology Transfer – What It Is and How to Do It
Tom Hockaday, Johns Hopkins University Press, 2020



Who Wants What?

WHO

You

Industry

Government

Your Staff

Investors

Society

University

... and Who Is Paying!

Who Wants What?

WHAT

Income

Royalties

Spin-out shares

Research Funding

Impact

Reputation

Stories

Who Does **Not** Want What

No spin-out shares

No international deals

Hassle!

Bad stories! 'Front page of the Newspaper'



Income - Impact

A false debate

Income = Impact ? *Yes, probably*

Impact = Income ? *Not necessarily*

But, you just do not know at the TT stage

Technology Transfer - Transfer the Technology

Do Deals !

The Future

- Other Crises & NERFs
- Who pays for the TTO?
- Spin-outs and Licensing
- Students

What do you really care about?





SUSTAINABLE DEVELOPMENT GOALS





[Home](#) > [Rankings](#) > [Impact Rankings](#)

Impact Rankings 2021

The *Times Higher Education* Impact Rankings are the only global performance tables that assess universities against the United Nations' Sustainable Development Goals (SDGs). We use carefully calibrated indicators to provide comprehensive and balanced comparison across four broad areas: research, stewardship, outreach and teaching.

The 2021 Impact Rankings is the third edition and the overall ranking includes 1,117 universities from 94 countries/regions.

[Read more ...](#)

IN PARTNERSHIP WITH
ELSEVIER



2021

[How to get your uni ranked](#)

EXPLORE IMPACT RANKINGS FOR INDIVIDUAL SDGs

 OVERALL RANKING	1  NO POVERTY	2  ZERO HUNGER	3  GOOD HEALTH AND WELL-BEING	4  QUALITY EDUCATION	5  GENDER EQUALITY	6  CLEAN WATER AND SANITATION	7  AFFORDABLE AND CLEAN ENERGY	8  DECENT WORK AND ECONOMIC GROWTH
9  INDUSTRY INNOVATION AND INFRASTRUCTURE	10  REDUCED INEQUALITIES	11  SUSTAINABLE CITIES AND COMMUNITIES	12  RESPONSIBLE CONSUMPTION AND PRODUCTION	13  CLIMATE ACTION	14  LIFE BELOW WATER	15  LIFE ON LAND	16  PEACE, JUSTICE AND STRONG INSTITUTIONS	17  PARTNERSHIPS FOR THE GOALS

Climate Change and TT

Tonnes of carbon captured, reduction of emissions

Not only your office building

What technologies are you transferring ?



Gender Diversity and TT

University Challenge Seed Fund reporting 1999
Your TTO Staff, Governance, Committees

What technologies are you transferring ?
What stories are you telling ?



Race and TT

What are you doing about racial diversity?
Your TTO Staff, Governance, Committees

What technologies are you transferring ?
What stories are you telling ?

.... *anything?*

WORKING TOGETHER TO IMPACT TECH TRANSFER

Transforming one TTO at a time.

[Join Us](#)

www.GEDITT.com



RESOURCES

Toolkits



[AUTM Women Inventors Toolkit](#)
[NIH EDI Toolkit](#)
[Test/toolkit for Racial Equity Impact Assessment](#)
[IPO Gender Diversity In Innovation Toolkit](#)

Books



[AUTM EDI Reading List](#)
[Update Your DE&I Playbook](#)
[5 Must-Read Books on EDI in the Workplace](#)

Podcasts



[Tech Transfer IP by Lisa Mueller](#)

www.GEDITT.com

Implicit Bias Tests



[Harvard Implicit Bias Test](#)
[American Bar Association Implicit](#)

Movies



[Hidden Figures](#)

Articles



TECHNOLOGY TRANSFER INNOVATION

HOME

ABOUT

Tom

Tom Hockaday is a leading
transfer leadership, managing
technology transfer activities
years from 2006 to 2016, h
Tom has over 27 years

Tom Hockaday is an independent
with a number of clients in the
sect

Johns Hopkins
University Press
April 2020

CONTA

