



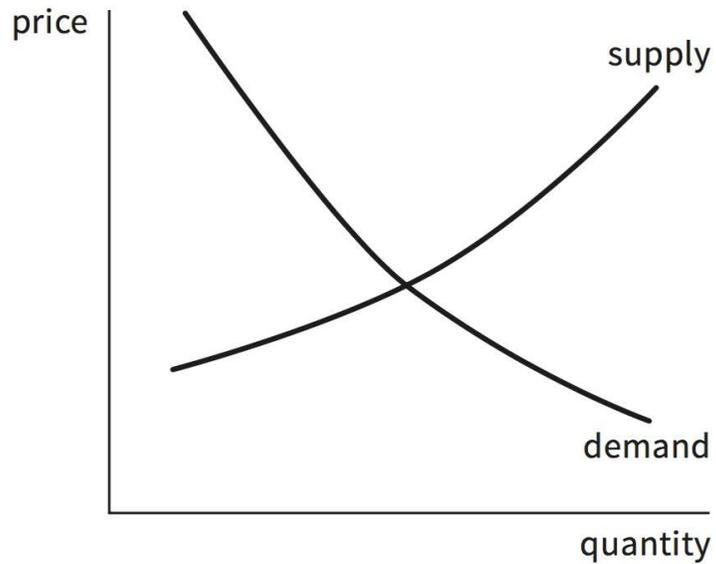
Can Ireland thrive within the Doughnut?

Kate Raworth

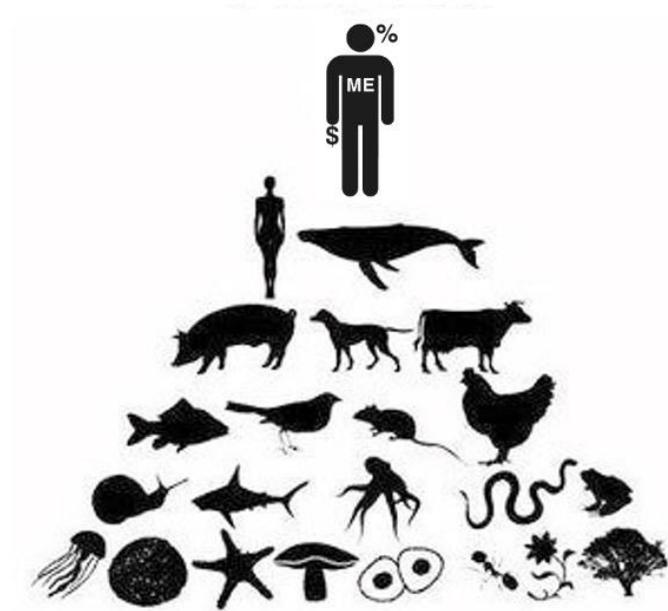
16 June 2021

20th century economics

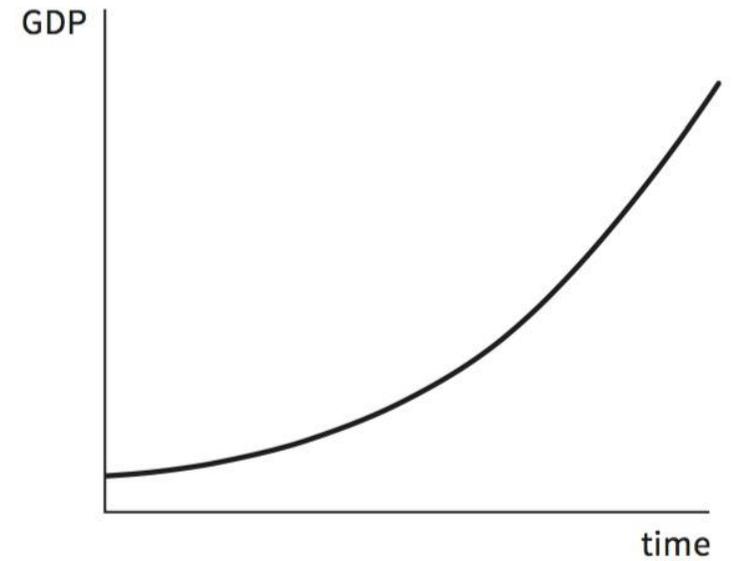
The first image



The selfie



The goal



How the 21st century has begun

Financial meltdown



New York, US

Climate breakdown



Sofala, Mozambique

COVID lockdown



Kuala Lumpur, Malaysia



Athens, Greece

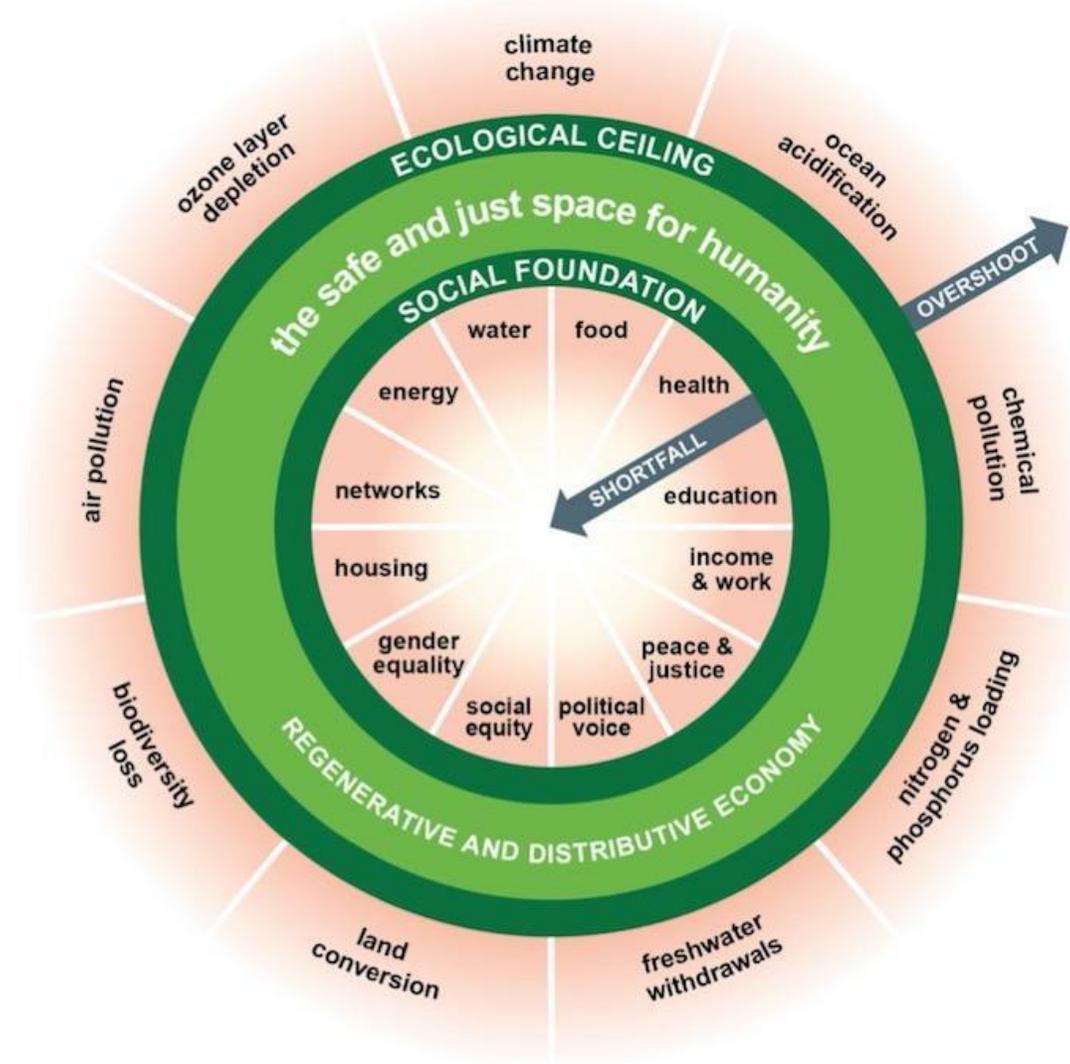


Sydney, Australia

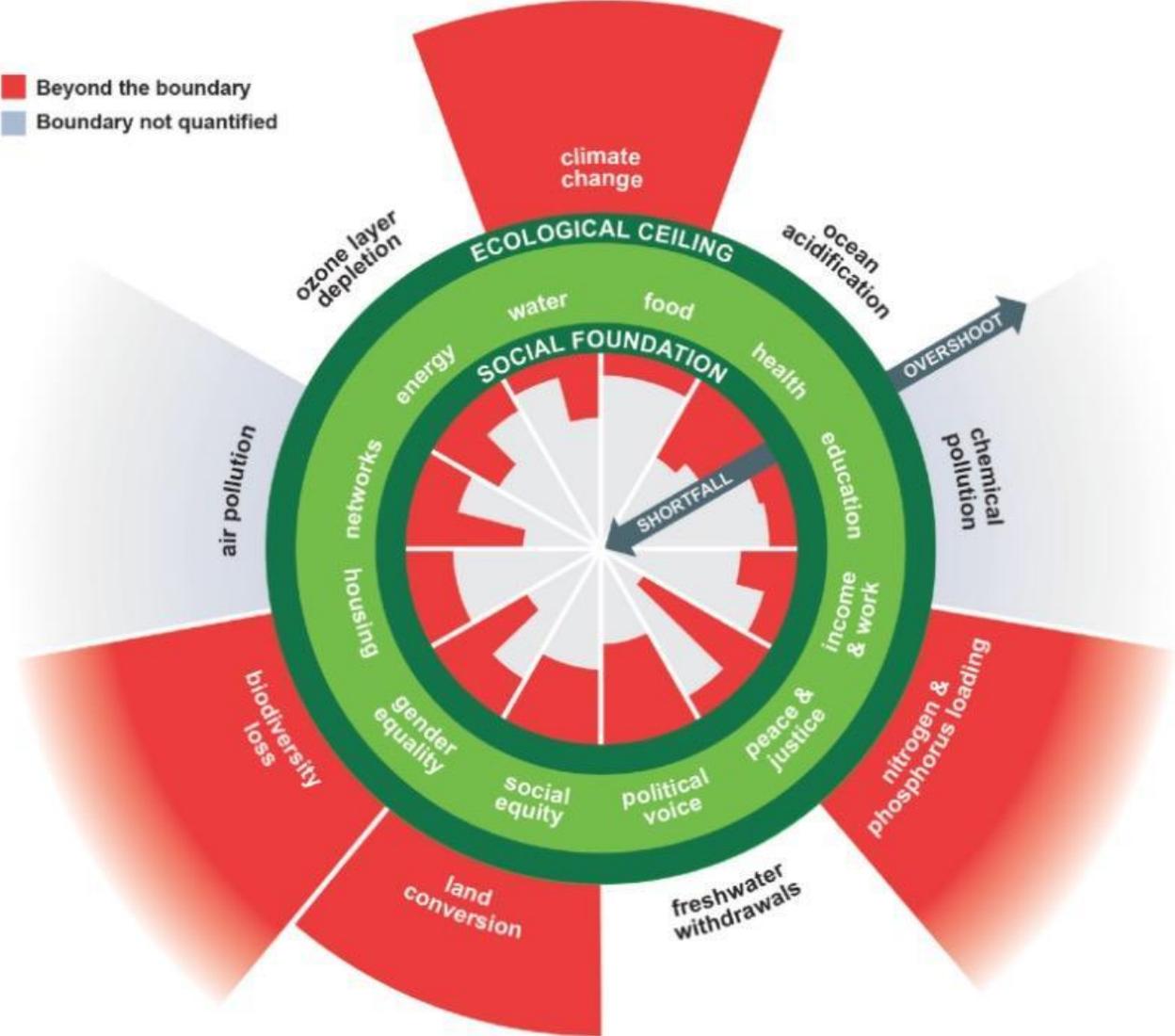


Bogotá, Colombia

A compass for human prosperity

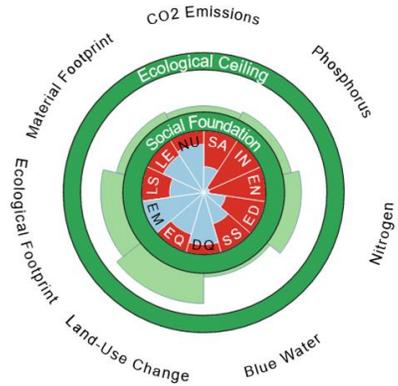


Humanity is living far out of balance

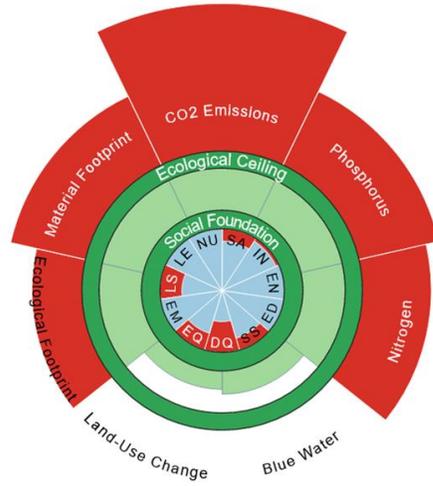


National Doughnuts

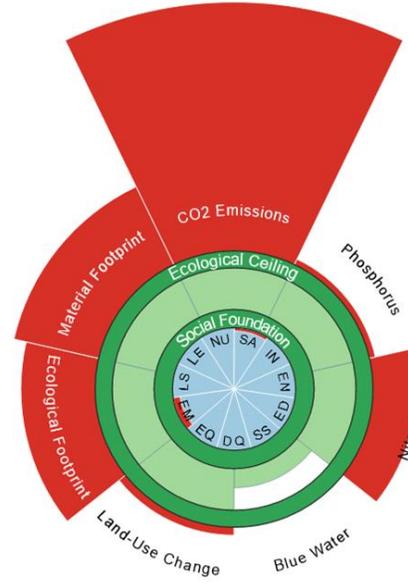
goodlife.leeds.ac.uk



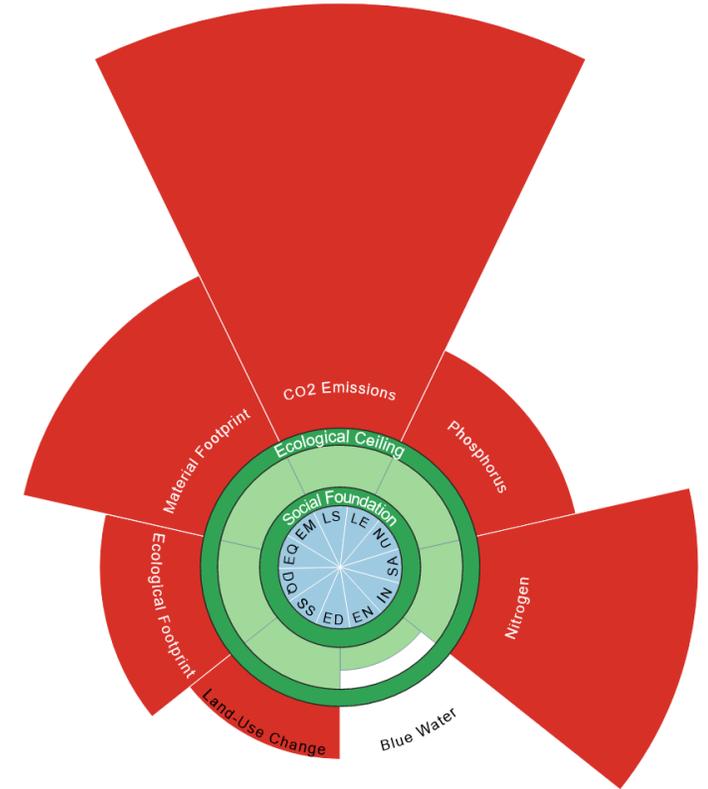
Malawi
\$1,100 pc



China
\$16,800 pc



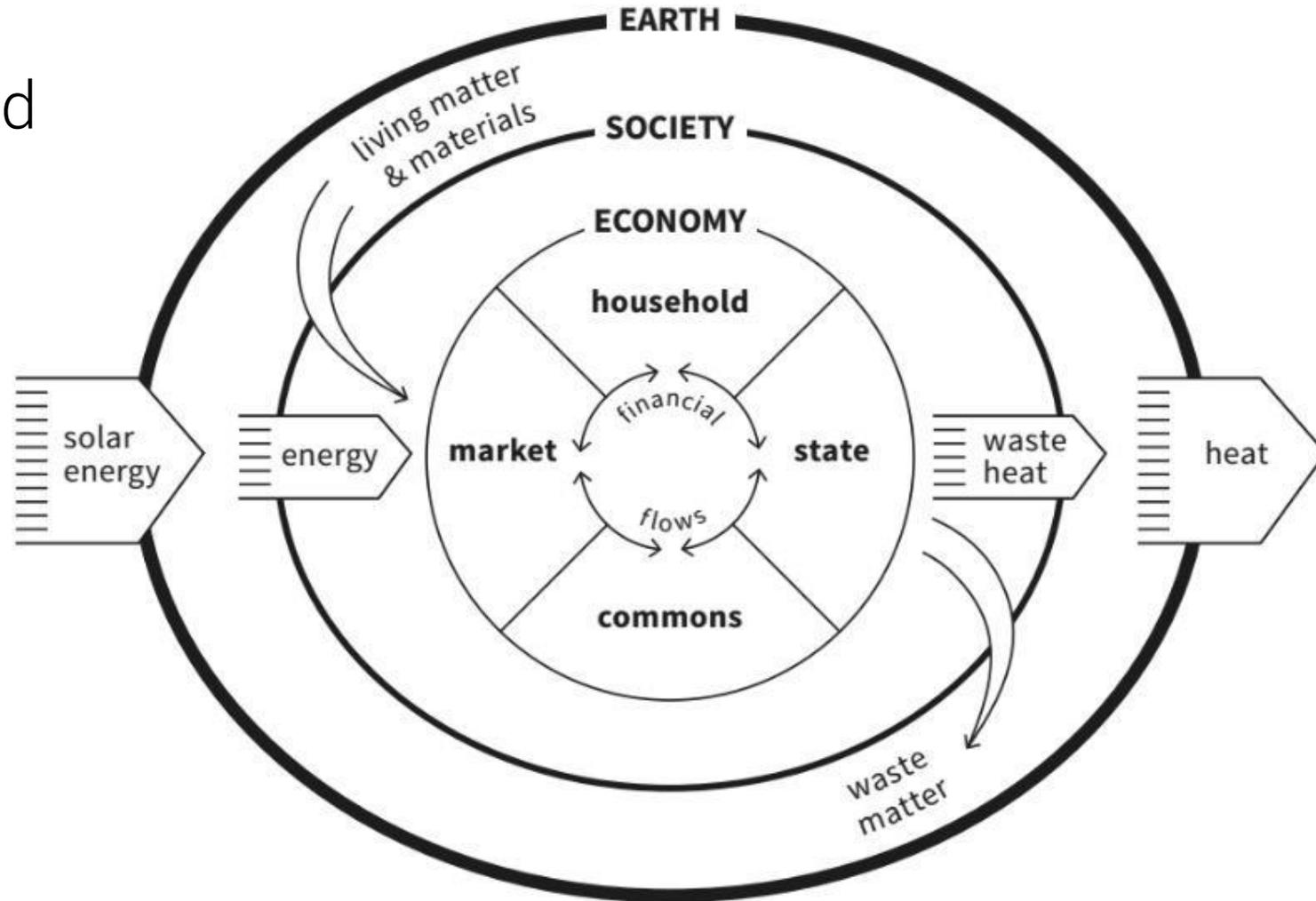
Ireland
\$69,200 pc



Norway
\$70,800 pc

GNI pc

The Embedded Economy



The Embedded Economy



parent
partner
relative
child



consumer
producer
worker
owner



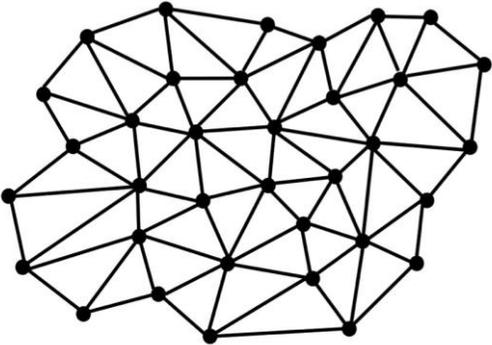
public servant
resident
voter
protester



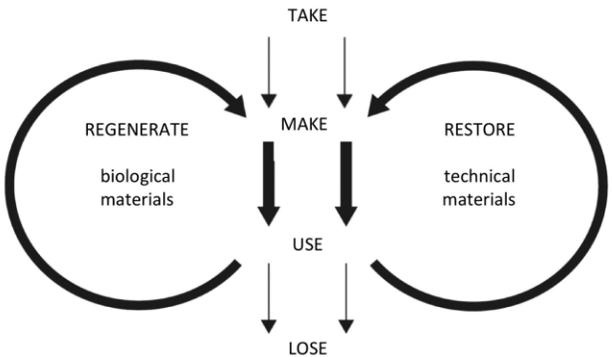
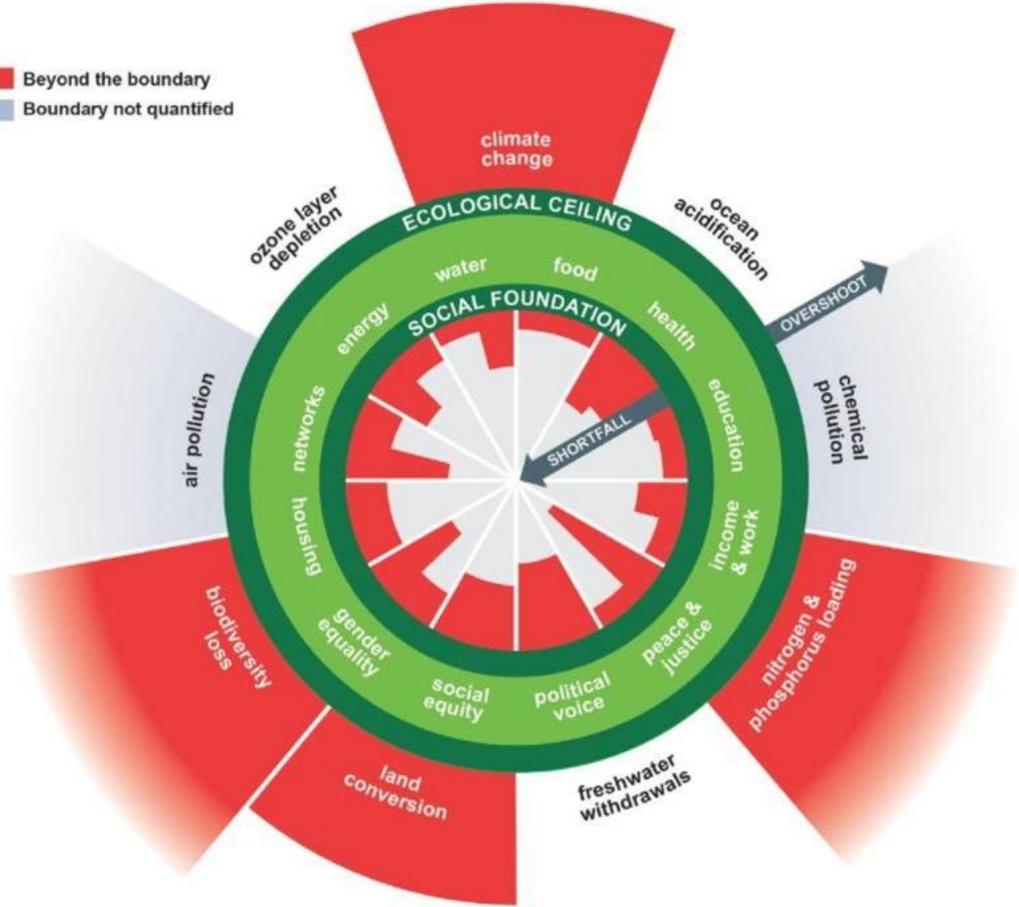
volunteer
sharer
co-creator
steward



How can humanity get into the Doughnut?



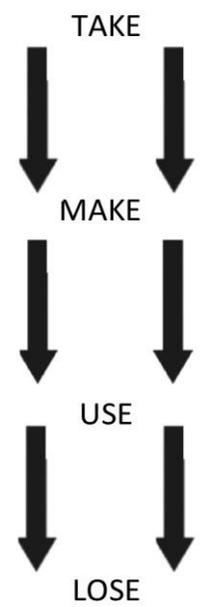
■ Beyond the boundary
■ Boundary not quantified



**distributive
by design**

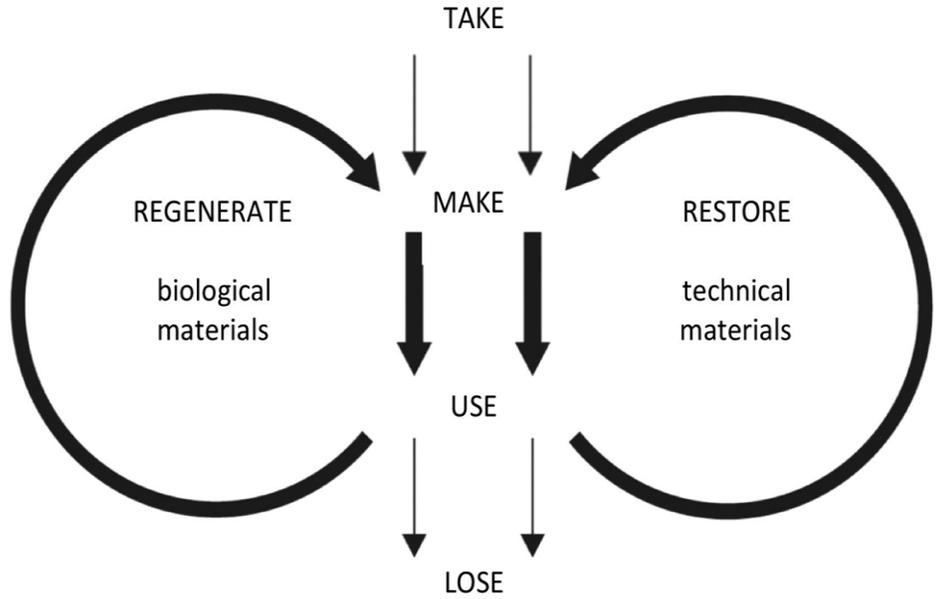
**regenerative
by design**

How can humanity get into the Doughnut?



Degenerative

running down Earth's life-supporting systems



Regenerative

working with and within the cycles of the living world

Regenerative by design



Car-free city centre – Oslo



Sponge city - Qunli

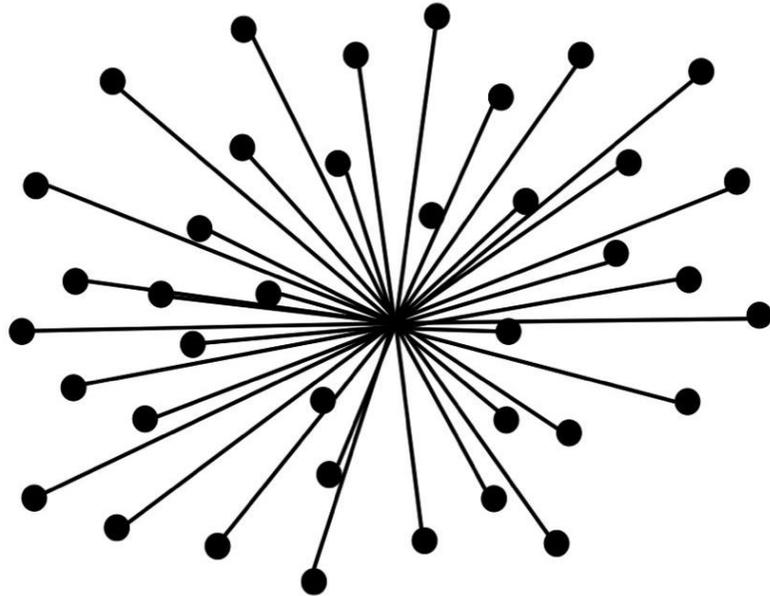


Circular construction - Amsterdam



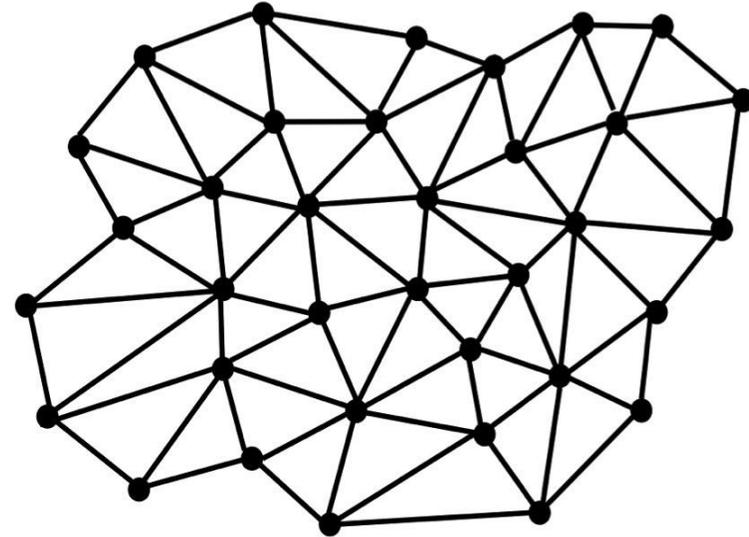
River parks – Medellín

How can humanity get into the Doughnut?



Divisive

capturing opportunity and value
in the hands of a few



Distributive

sharing opportunity and value
with all who co-create it

Distributive by design



Community Wealth Building – Preston



Affordable housing – Vienna



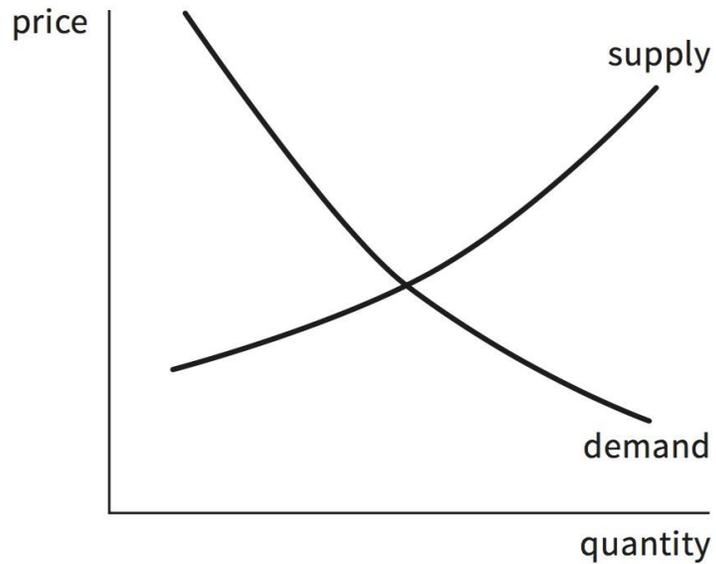
Public space – Bogotá



Universal Basic Income - Stockton

20th century economics

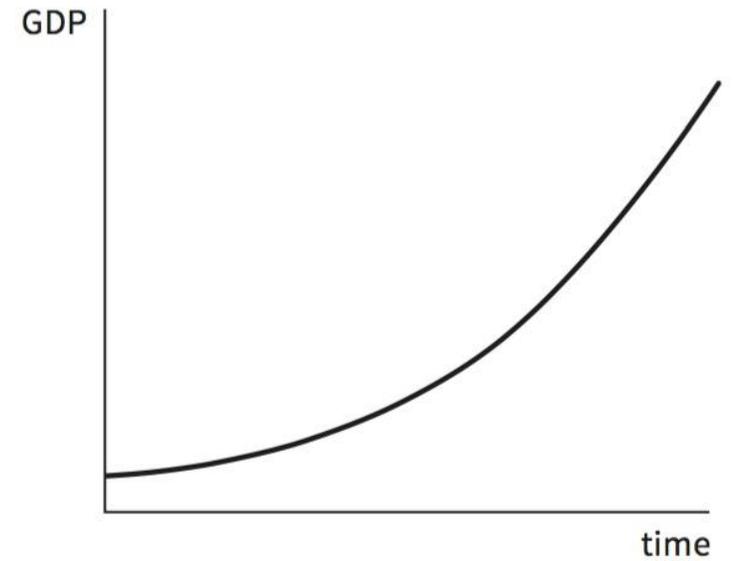
The first image



The selfie

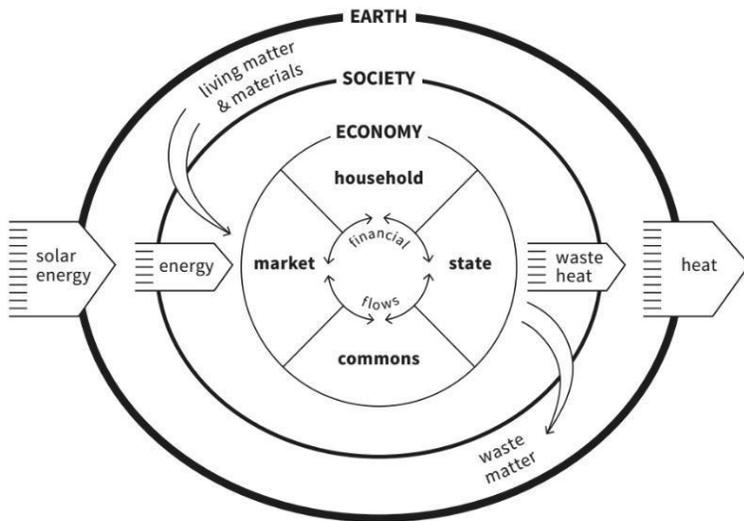


The goal



21st century economics

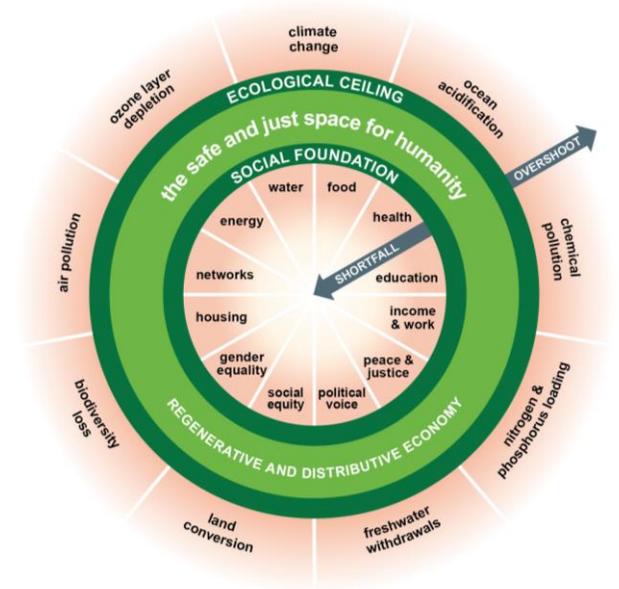
The first image



The selfie

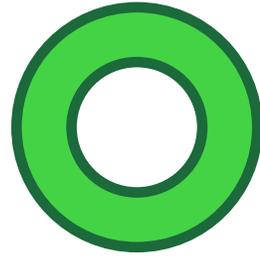


The goal





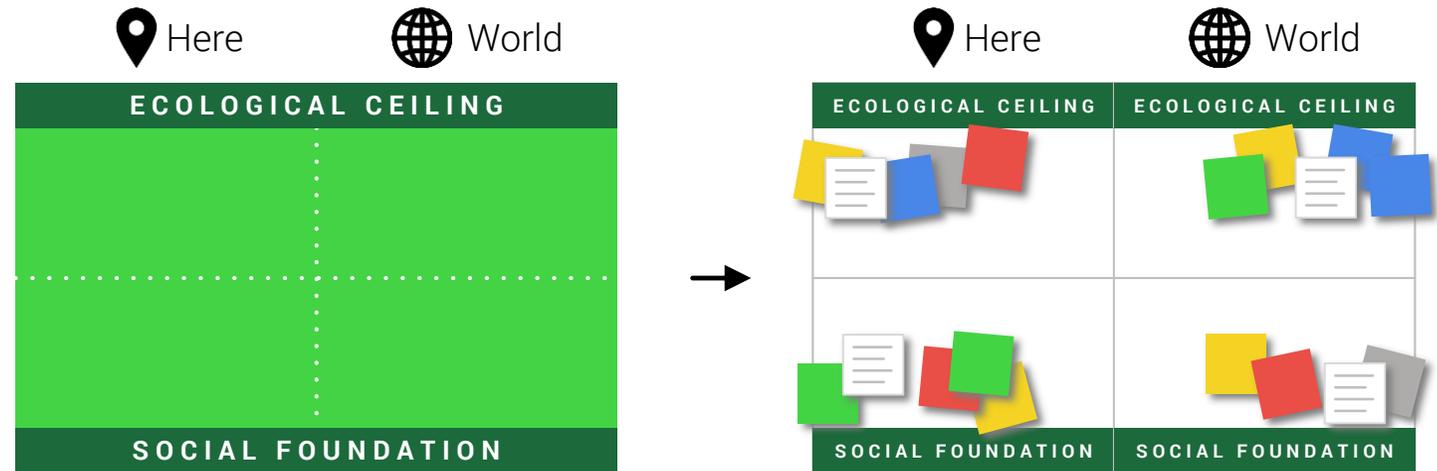
Can Cork live within the Doughnut?



Unroll it...



And envision a future you want to create



ECOLOGICAL CEILING

Cork meets the Doughnut

How can Cork become a home to thriving people in a thriving place while respecting the wellbeing of all people and the health of the whole planet?

How can Cork be as generous as the wildland next door?



How can Cork respect the health of the whole planet?



How can all the people of Cork thrive?



How can Cork respect the wellbeing of all people?



SOCIAL FOUNDATION



How can all the people of Cork thrive?

What does thriving mean to people here?



What has covid-19 made visible?



How can everyone's needs be met?



Food



Water



Health



Education



Housing



Energy



Connectivity



Mobility



Community



Culture



Income and work



Social equity



Equality in diversity



Political voice



Peace and justice



ECOLOGICAL CEILING

How can Cork be as generous as the wildland next door?

Cleanse the air



House biodiversity



Store carbon



Cycle freshwater



Harvest energy



Regulate the temperature



Build and protect soil



How can Cork store carbon and cleanse the air?



How can Cork welcome biodiversity?



How can Cork harvest solar energy?



ECOLOGICAL CEILING

Four lenses: zoom in
Global ecological

How can Cork respect the health of the whole planet?

Climate change



Ocean acidification



Chemical pollution



Excessive fertilizer use



Freshwater withdrawals



Land conversion



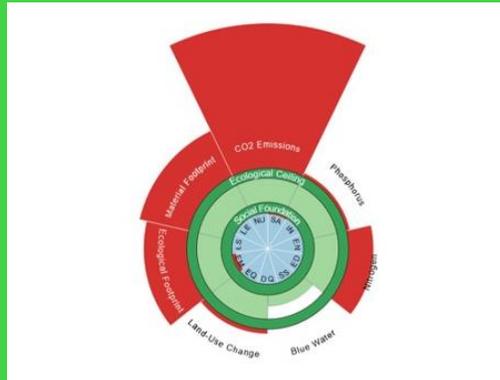
Biodiversity loss



Air pollution



Ozone layer depletion



Ireland is in ecological overshoot



How can mobility in and around Cork be transformed?



How can construction be transformed?





How can Cork respect the wellbeing of all people?

Which multinationals are headquartered in Cork?



Which brands and retailers sell products in the city?



What's the labour behind the labels



Food



Water



Health



Education



Housing



Energy



Income and work



Social equity



Equality in diversity



Networks



Political voice



Peace and justice

How can Cork be as generous as the wildland next door?

How can Cork respect the health of the whole planet?

Cleanse the air House biodiversity Store carbon Cycle freshwater Harvest energy Regulate the temperature Build and protect soil

Climate change Ocean acidification Chemical pollution Excessive fertilizer use Freshwater withdrawals Land conversion Biodiversity loss Air pollution Ozone layer depletion



Food Water Health Education Housing Energy Connectivity Mobility Community Culture Income and work Social equity Equality in diversity Political voice Peace and justice

Food Water Health Education Housing Energy Income and work Social equity Equality in diversity Networks Political voice Peace and justice

How can all the people of Cork thrive?

How can Cork respect the wellbeing of all people?



City Doughnut Workshops in Philadelphia, Portland & Amsterdam





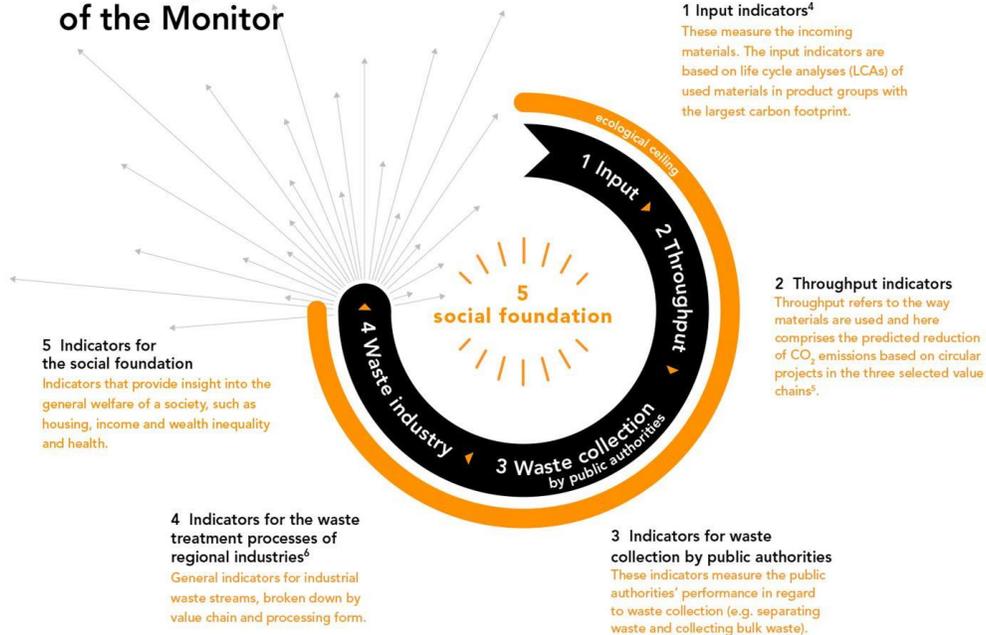
8 WAYS TO TURN THE CITY PORTRAIT INTO TRANSFORMATIVE ACTION

- MIRROR** Reflect on the current state of the city through the portrait's holistic perspective
- MISSION** Create a compelling vision of what it means to become a thriving city
- MOBILIZE** Bring together the city changemakers and stakeholders needed to bring about change
- MAP** Identify existing initiatives, policies and strategies that are already taking the city in this direction
- MINDSET** Embrace the values, ways of working, and new narratives that underpin the deeper shifts required
- MOMENTUM** Create an iterative process that drives cycles of transformative policy and action
- MONITOR** Assess progress against leading indicators that enrich the City Portrait
- MMM!** Make it irresistible: be creative, have fun, share learning and stories of success - and celebrate!

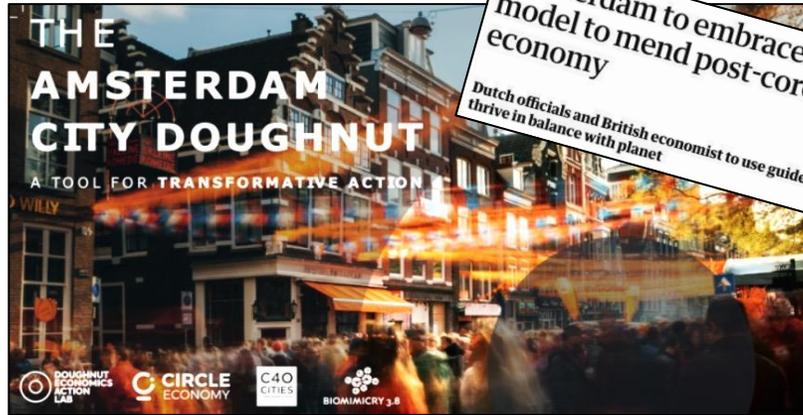
Amsterdam's Circular Strategy

- Amsterdam City Doughnut**
 strategic framework and policymaking tool
 - 100% circular by 2050
 - 50% circular by 2030
 - 10% circular procurement by 2022

The five parts of the Monitor



The Power of peer-to-peer inspiration



Amsterdam to embrace 'doughnut' model to mend post-coronavirus economy
Dutch officials and British economist to use guide to help city thrive in balance with planet



Australia
Barbados
Barcelona
Berlin
Birmingham
Brussels
California
Cambridge
Copenhagen
Costa Rica
Curaçao

Devon
Dunedin
EU
Glasgow
Ireland
Liverpool
Leeds
London
Nanaimo
Nord-Brabant
Melbourne



April 2020

July 2020

November 2020

Amsterdam Donut Coalition

A region that offers everyone a fair social basis, within safe ecological boundaries. Amsterdam has embraced that 'donut economics goal' and the coalition is working together to make it happen.

[Create a profile](#) and participate | [About the coalition](#) | [subscribe to the newsletter](#)

[DONUT DEALS. join!](#)




Malaysia DEAL community meet-up

Second meet-up of the Malaysia based community members.



IDEN Mapping workshop

Placeholder event times and details to be confirmed

[→ Read more](#)

California Doughnut 1st Meetup [Past]

First meetup for Californians excited about a Doughnut economy in the Golden State.

📅 Friday, November 13, 2020
🕒 1:30 AM - 3:00 AM (Greenwich Mean Time)
Posted by Jared Ruiz Bybee





Introducing Doughnut Economics for Barbados

Rethinking social and economic development in Barbados

Presentation and conversation (virtual)

All are invited
Tuesday Feb 2nd, 10:00-11:30 AST

[REGISTER ABOVE](#)

SOCIAL JUSTICE? EQUITABILITY? GROWTH? ENVIRONMENT?




INTRODUCTION TO DOUGHNUT ECONOMICS IN CAMBRIDGE

Introduction to Doughnut Economics in Cambridge



Doughnut Network Berlin

Exchange Event - Doughnut Implementation Possibilities and Mapping // Austausch Treffen - DE Umsetzung und Mapping

London DEAL Partnership - Meeting Two

A report back on the second meeting of the London Deal Partnership - Developing Visions and Organising

Posted by Chris Paddock




Doughnut Coalition Australia Meetup

Brussels Capital Region

Initiated by Barbara Trachte,
Secretary of State for
Economic Transition



BRUSSELS DONUT

LOCAL SOCIAL A

- 24,5% DES PERSONNES SE DECLARENT EN MAUVAISE SANTE SUBJECTIVE
- 32,2% DES 15 ANS ET + ONT UN NIVEAU D'INSTRUCTION BAS
- 39% DE LA VOIRIE EST RESERVEE AUX PIÉTONS ET AUX VÉLOS
- LES 10% LES PLUS RICHES GAGNENT 9 FOIS LE REVENU DES 10% LES PLUS PAUVRES
- 32.000 PERSONNES DEPENDENT DE L'AIDE ALIMENTAIRE
- 54% DES PERSONNES EN AGE DE TRAVAILER DISPOSENT D'UN EMPLOI
- 170.000 PERSONNES N'ONT AUCUNE COMPÉTENCE NUMÉRIQUE ET 475.000 DES COMPÉTENCES FAIBLES
- L'ÉCART DE REVENU ENTRE HOMMES ET FEMMES EST DE : 1510€ PAR AN
- 17,7% DES MÉNAGES ONT UN LOGEMENT DE MAUVAISE QUALITÉ
- 20,9% DE LA POPULATION EST EN SITUATION DE PRÉCARITÉ HYDRIQUE
- 34,4% DE LA POPULATION EST À RISQUE DE PAUVRETÉ
- 89% DE LA POPULATION EST FIÈRE D'ÊTRE BRUXELLOISE
- 14,8% DE LA POPULATION S'ENGAGE COMME BÉNÉVOLE ASSOCIATIF
- 28,5% DES MÉNAGES SONT EN SITUATION DE PRÉCARITÉ ÉNERGÉTIQUE

LOCAL ÉCOLOGIQUE

- LES 1° DE L'AIR SONT EN MOYENNE 3°C PLUS ÉLEVÉES AU CENTRE DE LA R.B.C. QU'À SES ALÉNTOURS RURAUX EN ÉTÉ
- LA PRODUCTION LOCALE D'ÉNERGIE RENOUVELABLE REPRÉSENTE 1,4% DE L'ÉNERGIE CONSOMMÉE
- PRÈS DE 90% DES RESSOURCES ÉNERGÉTIQUES DE LA RÉGION SONT IMPORTÉES
- LA QUALITÉ ÉCOLOGIQUE DES COURS D'EAU & ETANGS EST DE 1,2 SUR 3
- 3% DE L'EAU CONSOMMÉE EN RBC EST CAPTÉE EN RBC
- 29% DE LA POPULATION D'AMPHIBIENS EST SUR LISTE ROUGE
- LA POPULATION DE MOINEAUX DOMESTIQUES A DIMINUÉ DE 95% DEPUIS 1992
- LA RBC PRODUIT 1,5 à 2 MILLIONS DE TONNES DE DÉCHETS PAR AN
- 35% SONT DESTINÉS AUX FILIÈRES DU RECYCLAGE ET DU RÉEMPLOI
- 1,5-2 Ml
- L'AIR DE LA RBC EST DE QUALITÉ SAINE 7 JOURS SUR 10

LE PORTRAIT DONUT de la RÉGION de BRUXELLES CAPITALE

- 30% DE LA SURFACE DE LA RBC DEMEURE NON BÂTIE
- LES ESPACES VERTS ACCESSIBLES AU PUBLIC REPRÉSENTENT 19% DE LA SURFACE
- ON COMPTE 789.000 ha DE POTAGERS COLLECTIFS ET FAMILIAUX

LE CAS du CHOCOLAT

- LA MARGE QUI RESTE AUX PRODUCTEURS REPRÉSENTE 0,06% DE LA VALEUR TOTALE GÉNÉRÉE PAR LA FILIÈRE CHOCOLAT
- PLUS DE 2 MILLIONS D'ENFANTS TRAVAILLENT DANS LA FILIÈRE CACAO
- LES TRAVAILLEURS SONT EXPOSÉS À DES PESTICIDES NÉFASTES POUR LA SANTÉ
- AU GHANA, PLUS DE 3.500 PERSONNES SONT VICTIMES DE TRAVAIL FORCÉ DANS LES PLANTATIONS DE CACAO
- LA MAJORITÉ DES PRODUCTEURS NE PEUT SATISFAIRE SES BESOINS D'ALIMENTATION, LOGEMENT, ÉDUCATION.

LE CAS DE L'ÉLECTRONIQUE

- 54 MILLIONS DE TONNES DE DÉCHETS ÉLECTRONIQUES, 74 MILLIONS DE TONNES MÉTRIQUES D'ICI 2030
- UN QUART DES DÉCHETS ÉLECTRONIQUES PRODUITS PAR LES PAYS INDUSTRIALISÉS FINISSENT LEUR VIE EN AFRIQUE & EN ASIE DANS DES CENTRES DE RECYCLAGE INFORMEL
- EN 2016, 12 DES 13 PRINCIPALES MINES DE LA RÉPUBLIQUE DÉMOCRATIQUE DU CONGO ÉTAIENT CONTRÔLÉES PAR DES GROUPES ARMÉS
- PENDANT CERTAINES PHASES DU PROCESSUS DE PRODUCTION LES TRAVAILLEURS SONT EXPOSÉS À DES FUMÉES QUI PEUVENT AVOIR DES EFFETS NOCIFS À LONG TERME SUR LEUR SANTÉ
- 2,6 MILLIONS DE SMARTPHONES VENDUS EN BELGIQUE EN 2019, DONT LA DURÉE MOYENNE DE VIE NE DÉPASSE PAS 3 ANS

GLOBAL ÉCOLOGIQUE

- LA CONSOMMATION EN RBC ÉMET 7 FOIS SON BUDGET CARBONE
- CONTRIBUE AINSI AU CHANGEMENT CLIMATIQUE
- ET PARTICIPE À L'ACIDIFICATION DES OcéANS
- LES PRODUITS CONSOMMÉS EN RBC ENTRAÎNENT UNE CONSOMMATION 4 FOIS TROP IMPORTANTE DE SURFACES DE TERRES
- DES SUBSTANCES APPARUISSANT LA COUCHE D'OZONE ONT ÉTÉ BANNIES & NE SONT NORMALEMENT PLUS UTILISÉES
- LES DENRÉES CONSOMMÉES EN RBC ENTRAÎNENT UNE CONSOMMATION, 5 FOIS TROP IMPORTANTE D'AZOTE & 8 FOIS TROP IMPORTANTE DE PHOSPHORE
- LA RBC CONSOMME 30% DE SA PART D'EAU MONDIALE

Ceci est une version simplifiée du portrait Donut de la RBC, qui ne se veut ni exhaustif ni définitif, mais est à faire vivre et développer avec les acteurs rices de la Région.

Cette visualisation est basée sur les indicateurs existants jugés les plus pertinents par les acteurs rices impliqués dans le travail de co-construction du portrait.

Les participants ont émis des propositions pour que d'autres indicateurs soient développés et pris en compte.

De nombreuses initiatives plus en phase avec le Donut existent mais le portrait se base sur les pratiques et les produits plus largement répandus actuellement.

Les détails de la démarche, les données utilisées, celles encore insuffisantes, et l'ensemble des propositions de nouveaux indicateurs sont sur <https://donut.brussels/>

Cornwall Council's Decision-making Wheel



4 CORNWALL'S SOCIAL FOUNDATION

The social domains, relevant indicators and their current status based on most recent data available are summarised in Figure 3.

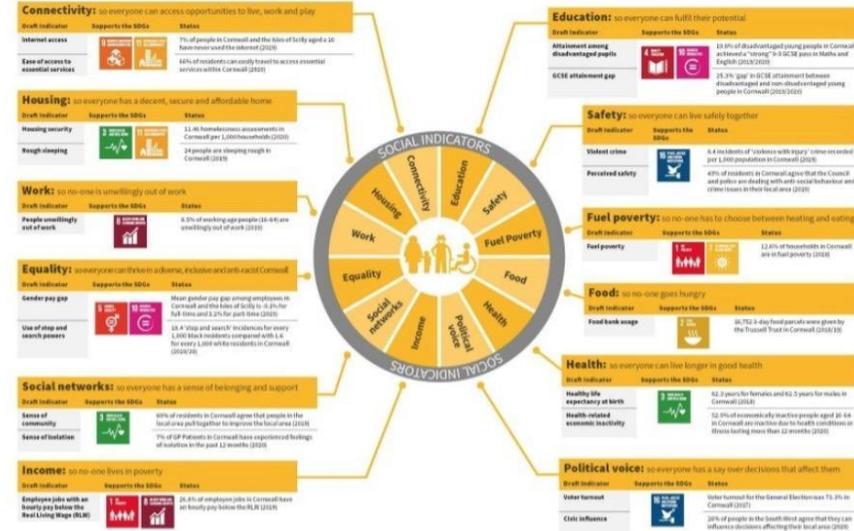


Figure 3. Summary of the social foundation for Cornwall, detailing social domains, relevant indicators, related UN Sustainable Development Goals, and current status.

5 CORNWALL'S ENVIRONMENTAL CEILING

The environmental domains, relevant indicators and their current status based on most recent data available are summarised in Figure 4.

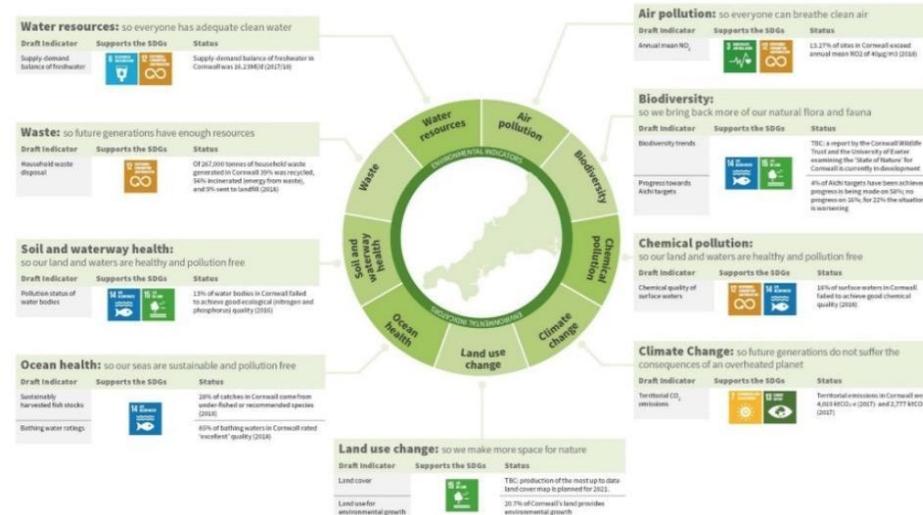


Figure 4. Summary of the environmental ceiling for Cornwall, detailing social domains, relevant indicators, related UN Sustainable Development Goals, and current status.

Melbourne



a REGENERATIVE MELBOURNE is:

KNOWLEDGEABLE

EVERYONE has ACCESS to KNOWLEDGE as CUSTODIANS of the ENVIRONMENT and SOCIETY



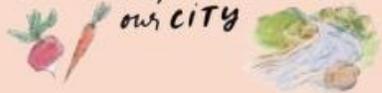
CONNECTED through CULTURE

WE are PROUD of our DIVERSITY of CULTURE as DRIVERS of CONNECTION and CREATIVITY & we LIVE as MUCH a PART of the LAND as the LAND US



FULL of LIFE

A NETWORK of NEIGHBOURHOODS that SUPPORT THRIVING COMMUNITIES & NATURAL SYSTEMS. WE can SWIM in our RIVERS, PLAY & LEARN in NATURE, GROW FOOD in our CITY



AFFORDABLE

EVERYONE has SECURE, SAFE, COMFORTABLE HOUSING POWERED by CLEAN ENERGY and QUALITY LOCALLY GROWN FOOD



COLLABORATIVE

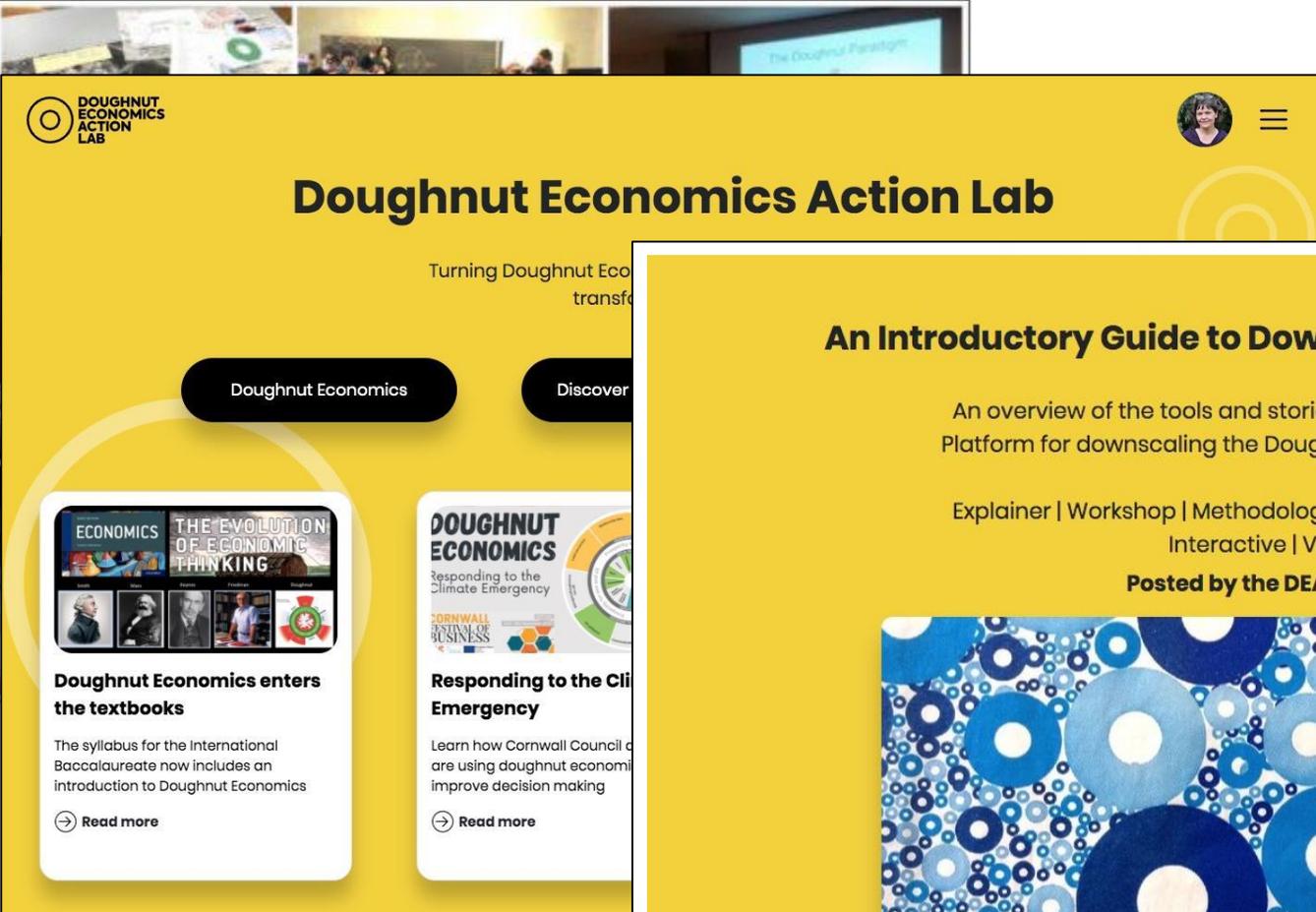
WHERE we DO what WE LOVE for our LIVELIHOODS and WE are VALUED for our CONTRIBUTION



ENABLED

OUR ECONOMIC & GOVERNANCE SYSTEMS ENABLE these VISIONS to COME to LIFE





DOUGHNUT ECONOMICS ACTION LAB

Doughnut Economics Action Lab

Turning Doughnut Eco
transfo

[Doughnut Economics](#) [Discover](#)



Doughnut Economics enters the textbooks

The syllabus for the International Baccalaureate now includes an introduction to Doughnut Economics

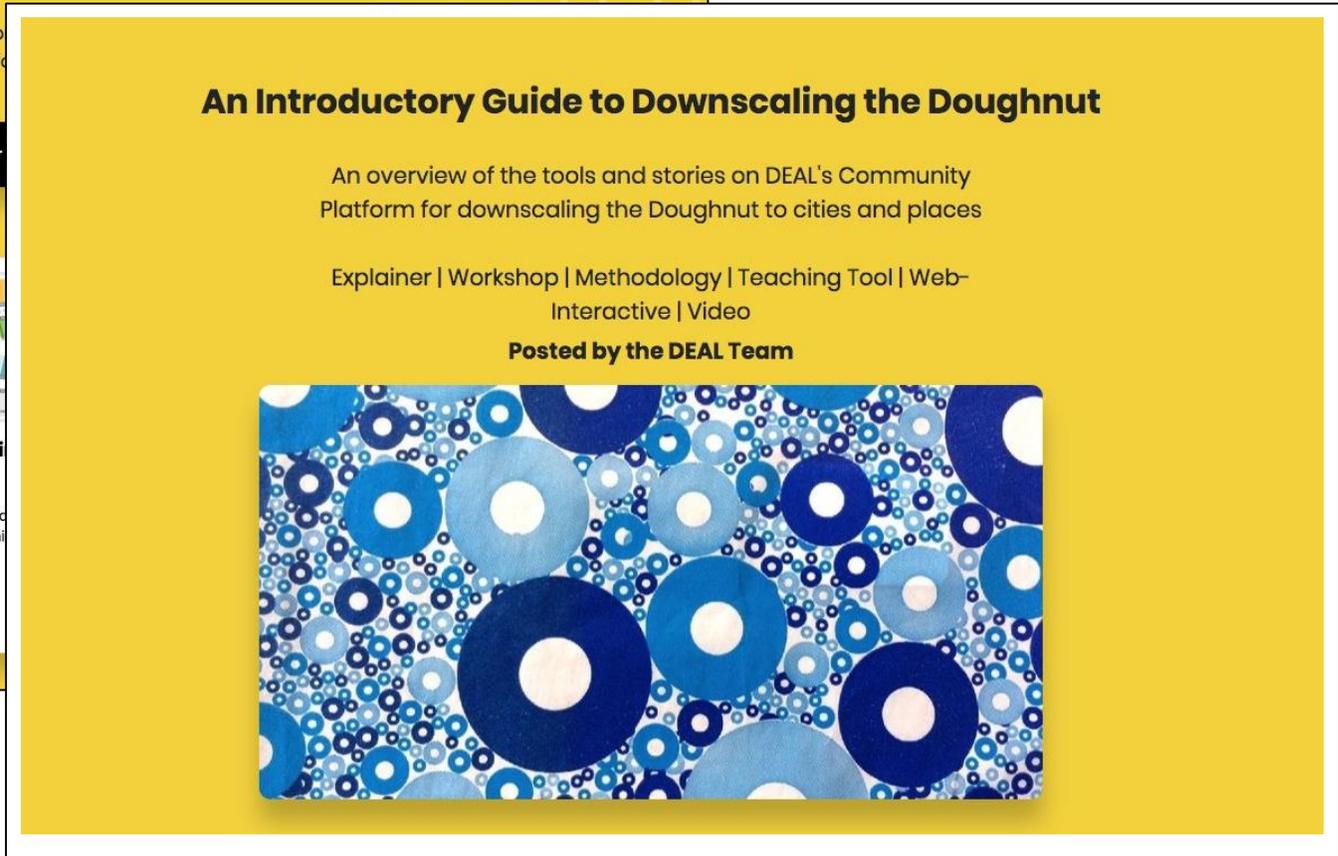
[Read more](#)



Responding to the Climate Emergency

Learn how Cornwall Council are using doughnut economics to improve decision making

[Read more](#)



An Introductory Guide to Downscaling the Doughnut

An overview of the tools and stories on DEAL's Community Platform for downscaling the Doughnut to cities and places

Explainer | Workshop | Methodology | Teaching Tool | Web-Interactive | Video

Posted by the DEAL Team

