

ALBERT

Imagine an optimistic, transformative
TV industry at a time of climate crisis
and the Covid pandemic





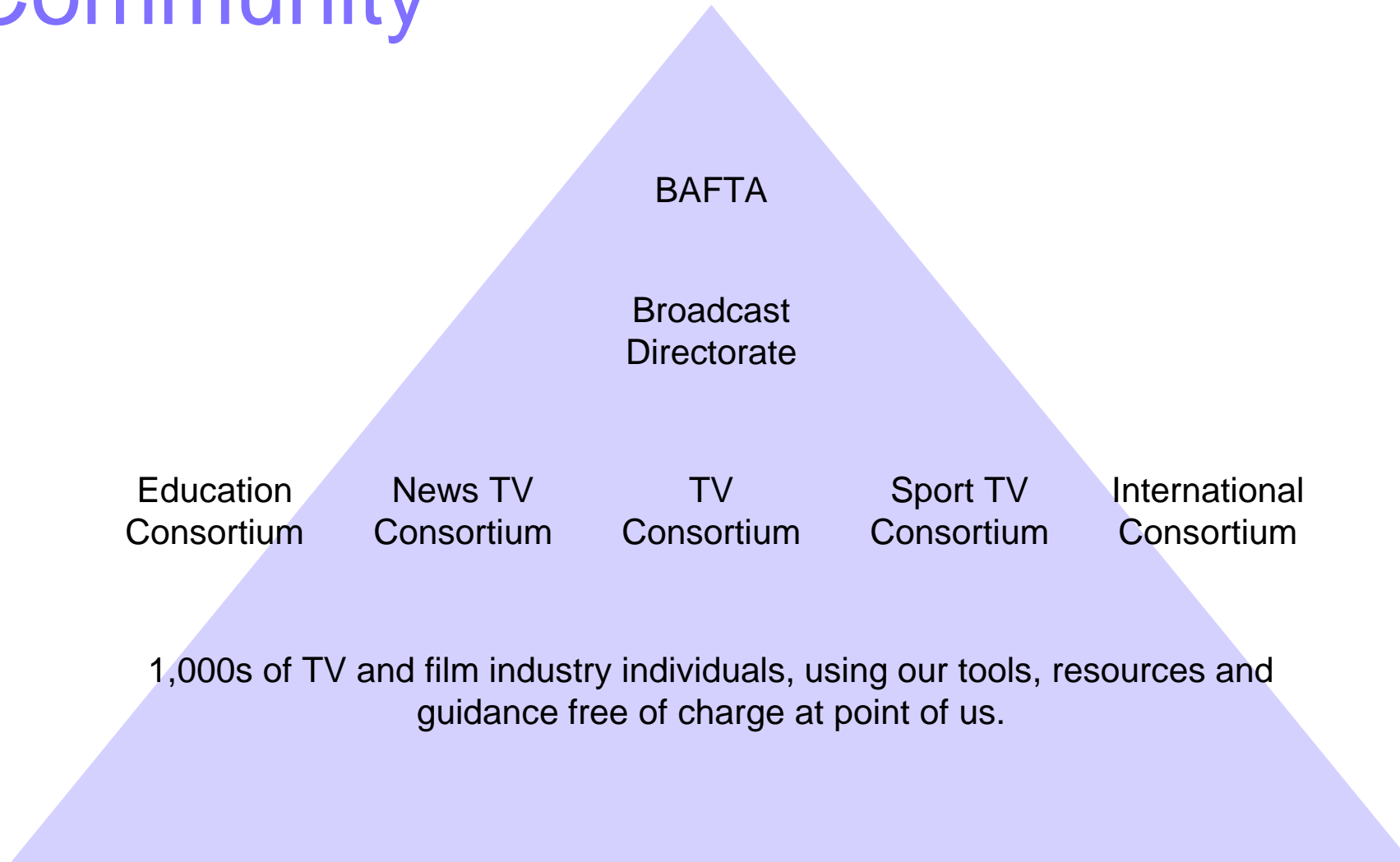
Hello

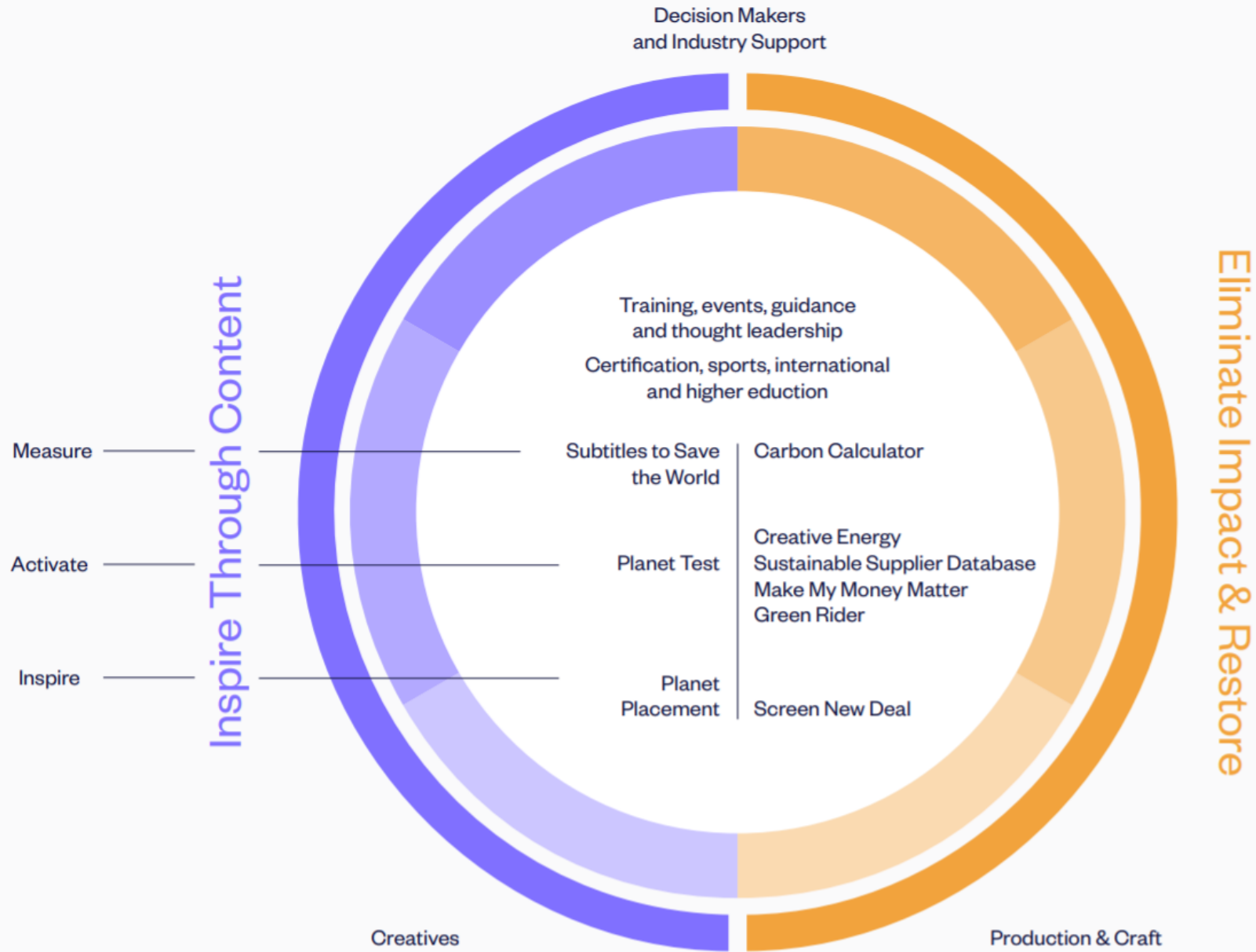
We believe the creative industries offer the greatest opportunity to mobilise positive action for the planet.

We are leading a charge against climate change; bringing the screen industries together to tackle our environmental impact and inspiring audiences to act for a sustainable future.

We are albert. So are you.

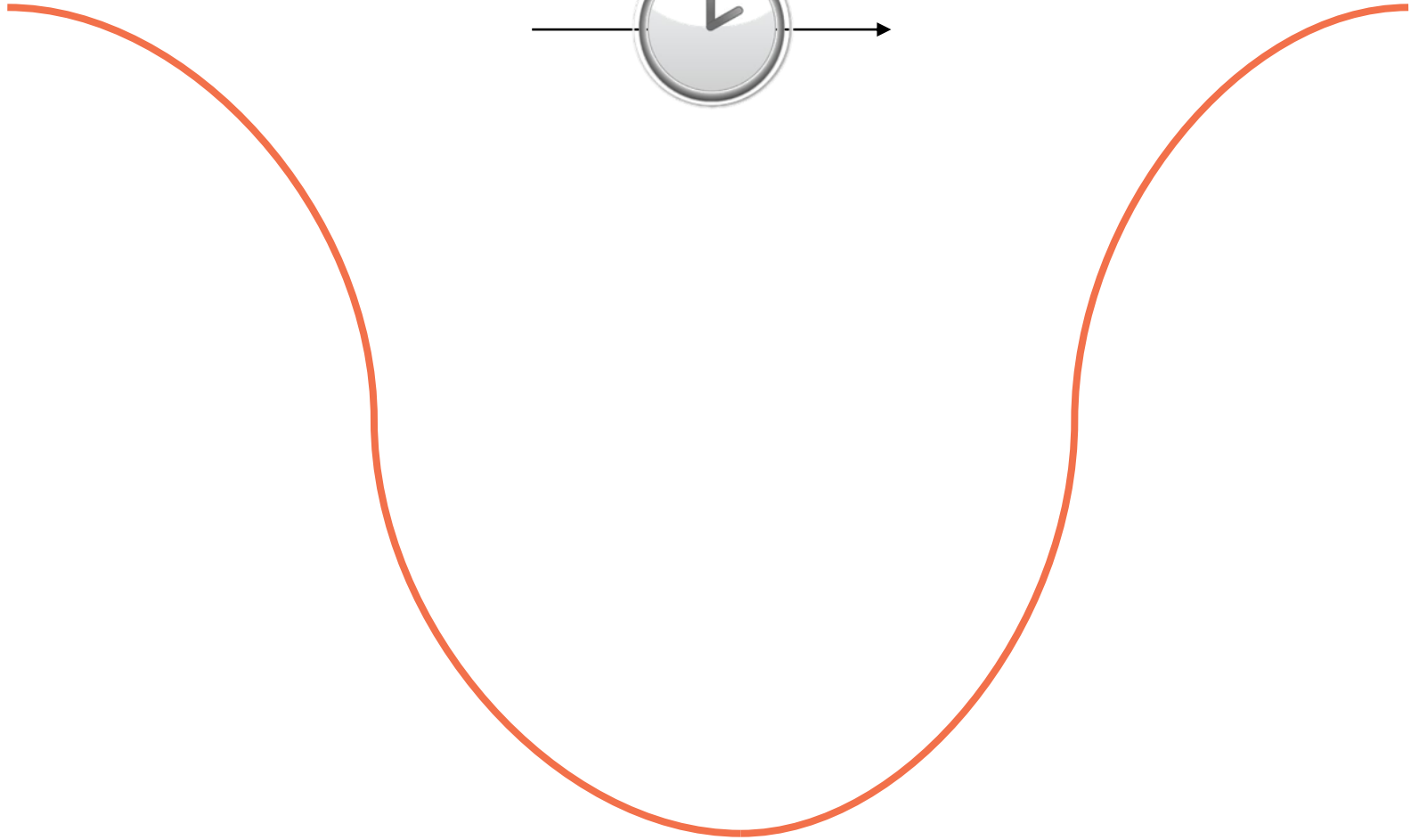
Our Community







SKOLSTREJK
FOR
KLIMATET



1. The challenge in hand
2. Our actions and their impact
3. The impact of television
4. Tools for a better future
5. Challenges for the screen industries
6. Opportunity for individuals, businesses and the industry

1.5°C



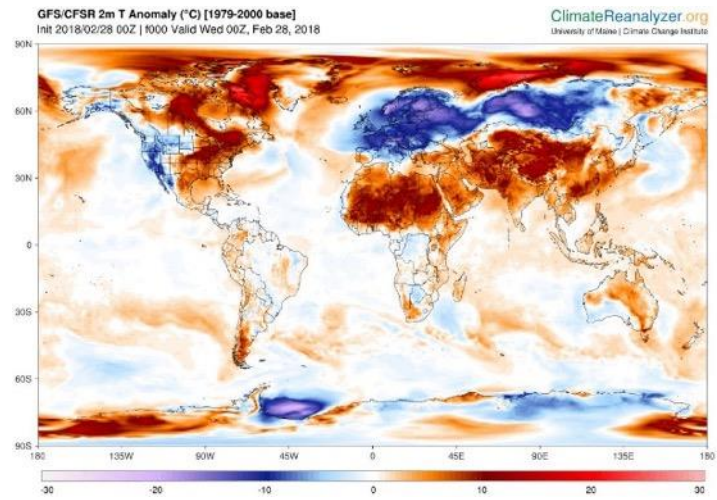
IPCC report, October 2018

“Keeping to the preferred target of 1.5°C above pre-industrial levels will mean rapid, far-reaching and unprecedented changes in all aspects of society.”

ipcc

INTERGOVERNMENTAL PANEL ON
climate change



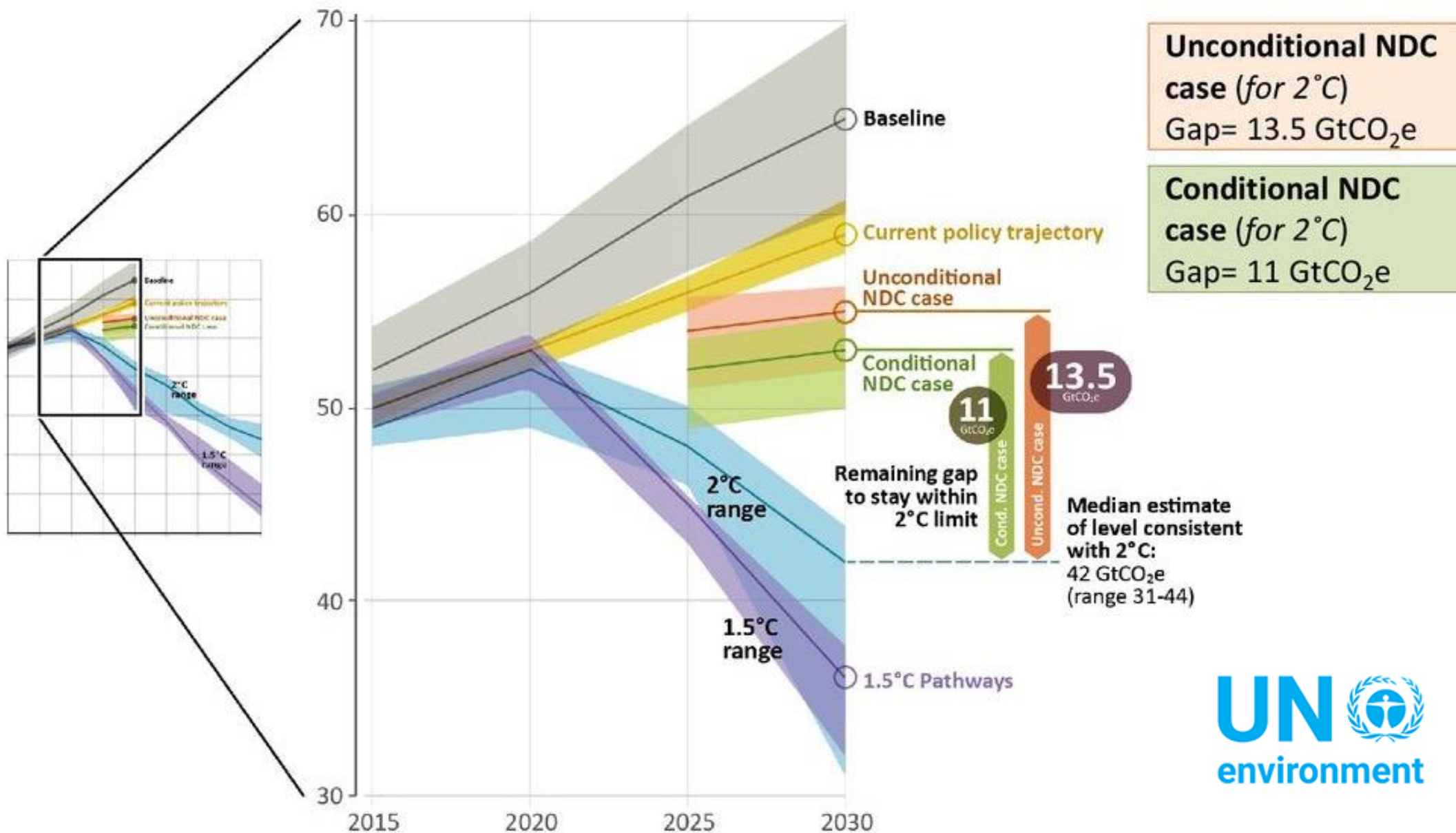


We are in an emergency

- In 2018 climate change related factors displaced over 16 million people
- Experts believe that by 2050 this could be 200 million people



Annual global total greenhouse gas emissions (GtCO₂e)

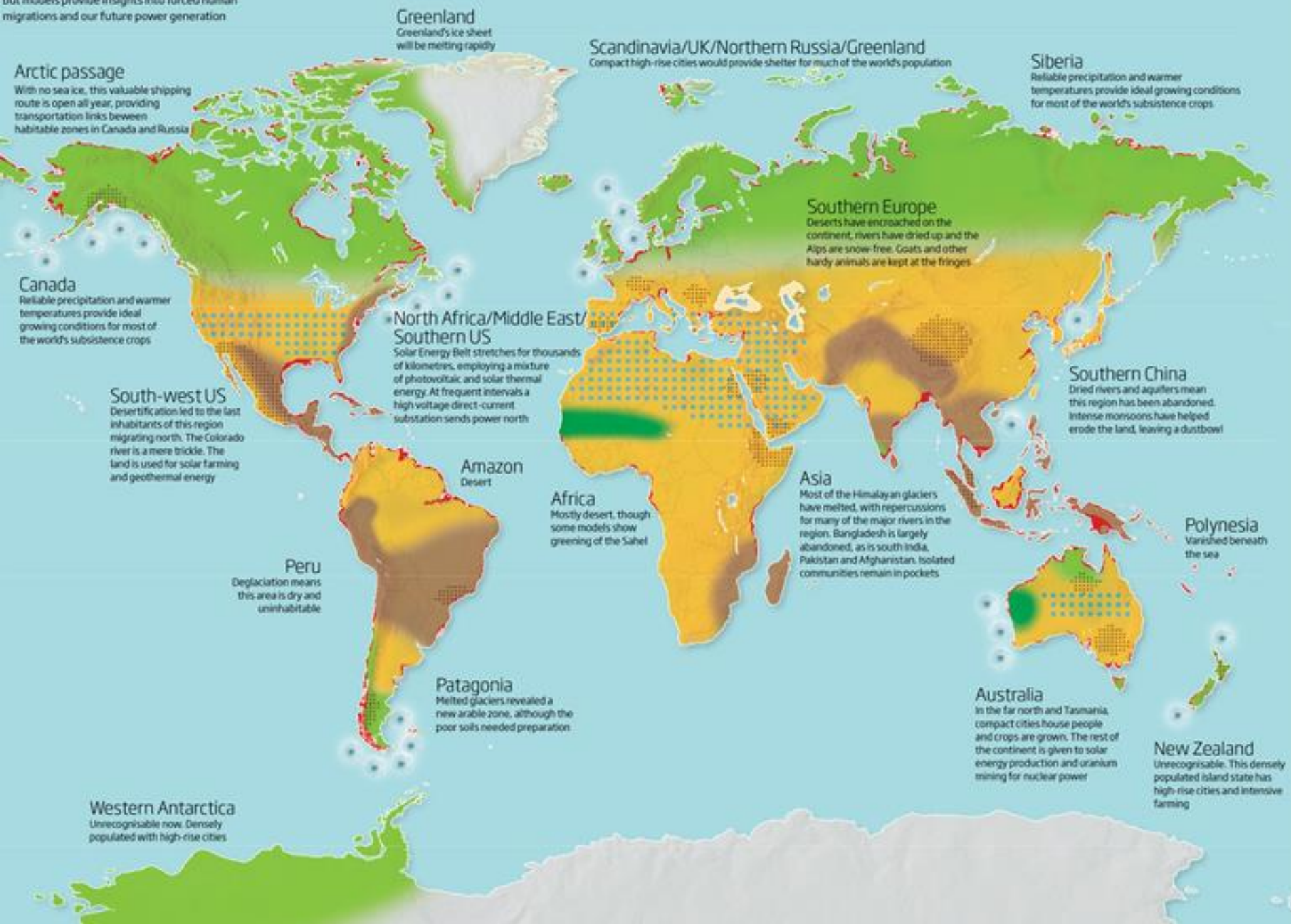


Unconditional NDC case (for 2°C)
Gap= 13.5 GtCO₂e

Conditional NDC case (for 2°C)
Gap= 11 GtCO₂e

The world: 4°C warmer

No one knows exactly what this world will look like, but models provide insights into forced human migrations and our future power generation



Food-growing zones / Compact high-rise cities

Uninhabitable desert

Uninhabitable due to floods, drought or extreme weather

Potential for reforestation

Land lost due to rising sea levels, assuming a 2-metre rise

Solar energy

Geothermal energy

Wind energy

What we need to do

The broadcast industry is not exempt

1.

Halve
emissions
by 2030

2.

Halve them
again by
2040

3.

Net zero by
2050

Carbon Footprints

“The best estimate that we can get of the full climate change impact of something.”



Toeprints vs Footprints

Carbon footprint assessments help us to be more strategic

Toeprints

- Water bottles
- Paper use
- Recycling
- Batteries



Toeprints vs Footprints

Carbon footprint assessments help us to be more strategic

Footprints

- Travel
- Energy use
- Diet
- Shopping



Which carries the largest impact?

1. Location-based factual

2. Location and studio based
drama

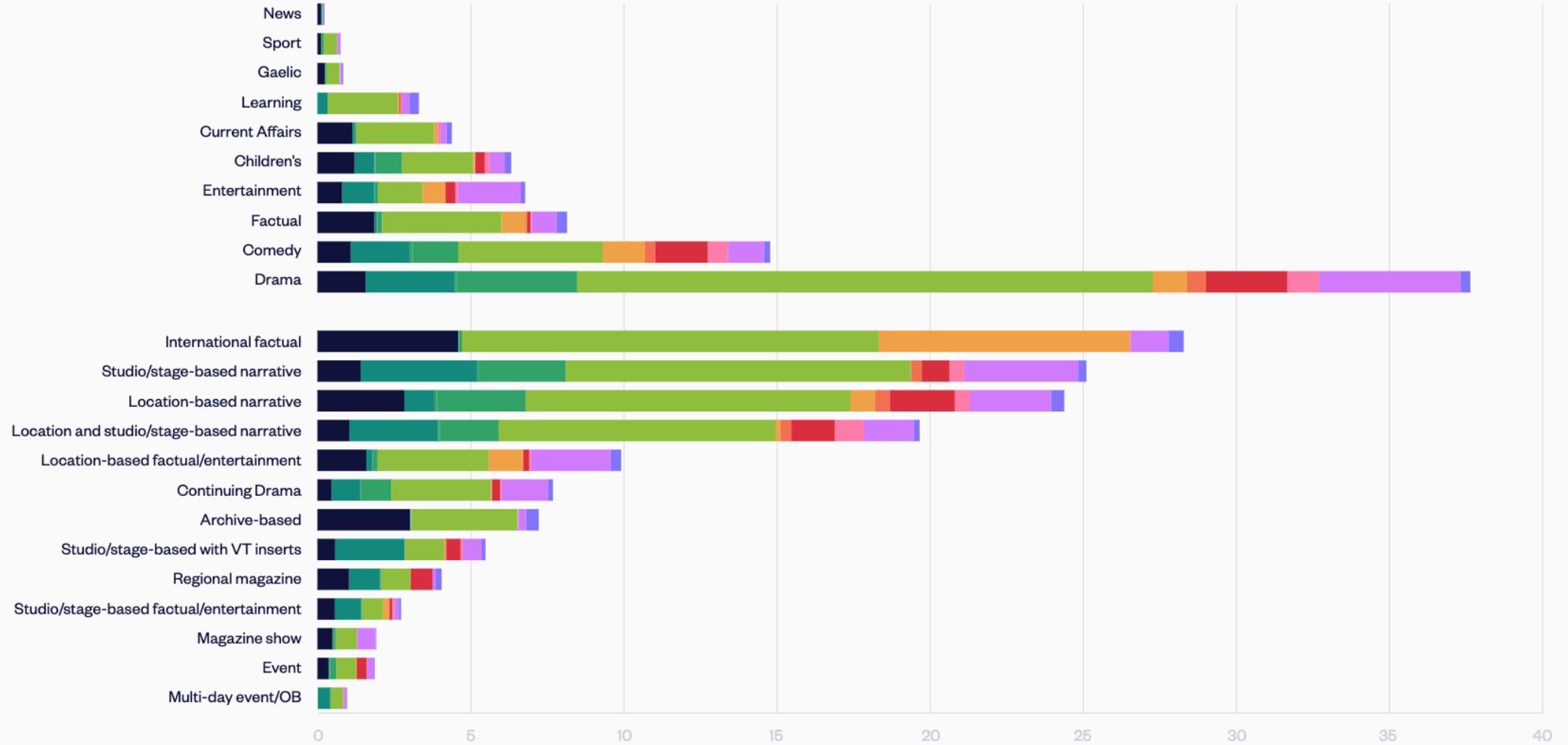
3. OB / Event

4. Studio-based entertainment
show

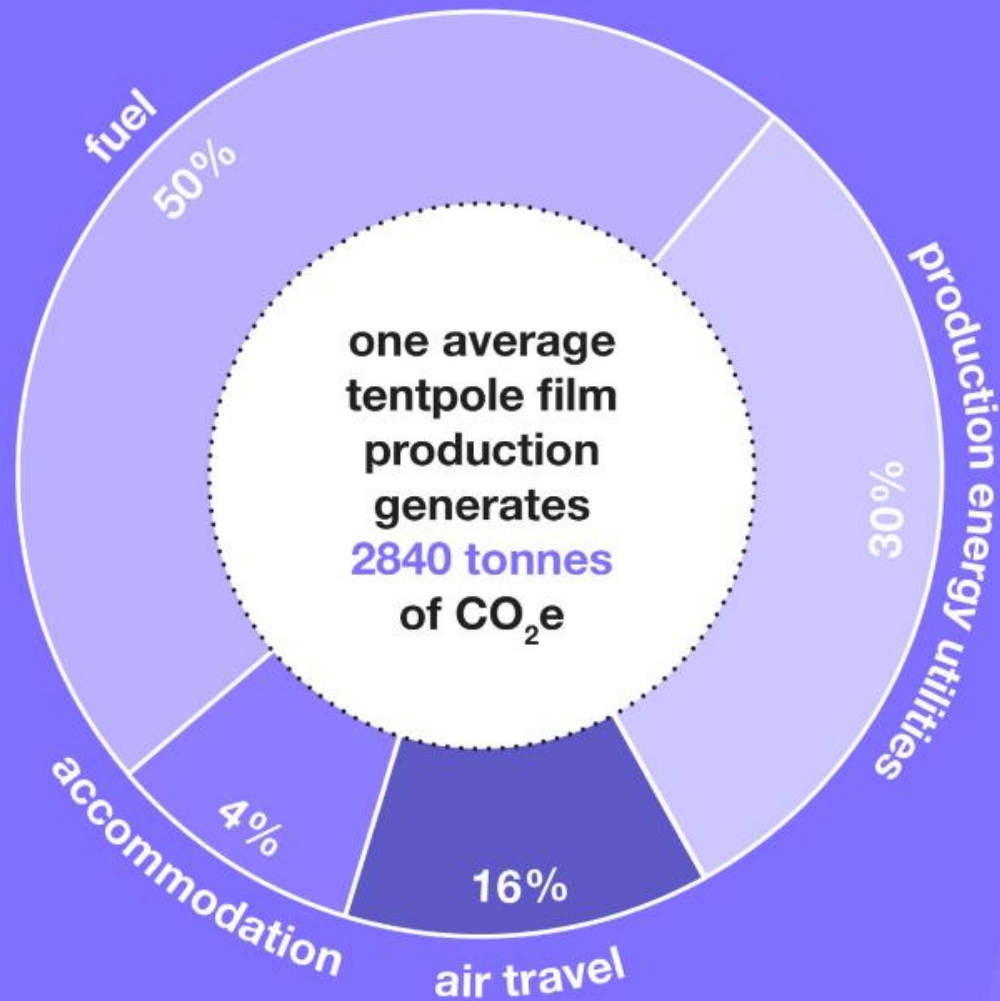
No two productions are the same

We know that the impact of different types of productions varies greatly and we can see different trends emerging for each type. The graph below shows how production impacts vary by genre and production method as well as the source of the impacts.

- Production Office
- Studio
- Other Spaces
- Location
- People Transport
- Freight Transport
- Fuel
- Material
- Disposal
- Accommodation
- Post-Production



Film



This carbon data has been extracted and displayed using individual 'PEAR' sustainability reporting frameworks from tentpole productions. A tentpole production here is a film that has a "Below the Line (BTL) Shoot Period" of over US\$70m.

Article

On Global Electricity Usage of Communication Technology: Trends to 2030

Anders S. G. Andrae * and Tomas Edler

Huawei Technologies Sweden AB, Skalholtsgatan 9, 16494 Kista, Sweden;

E-Mail: tomas.edler@huawei.com

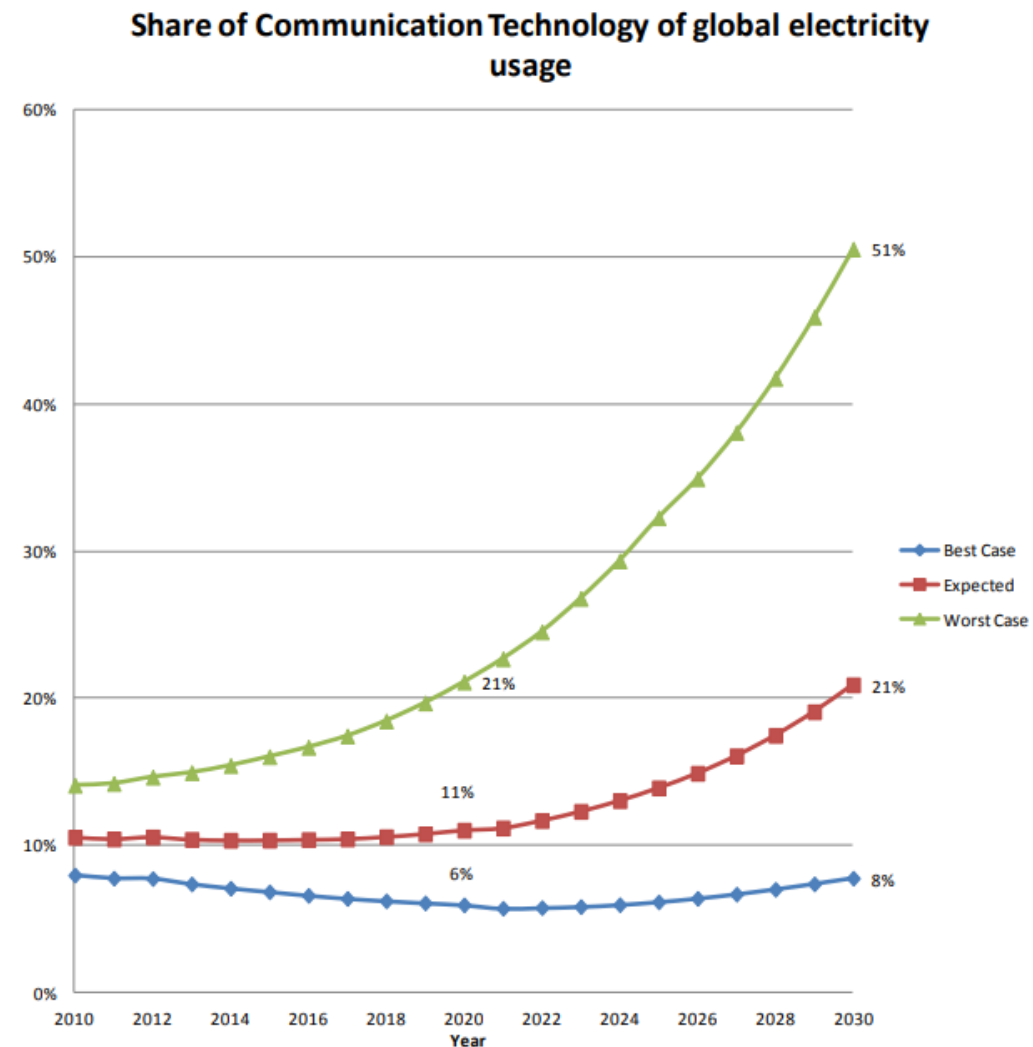


Figure 8. Share of communication technology of global electricity usage 2010–2030



ALBERT PRODUCTIONS REPORTS TIPS & TRICKS ADMIN

Production Name: **Test s1**

ACTIONS

PRODUCTION DETAILS CARBON FOOTPRINT CARBON ACTION PLAN

TRAVEL AND TRANSPORT

ADD NEW

- ALL
- AIR TRAVEL
- ROAD TRAVEL
- RAIL TRAVEL
- BOAT TRAVEL
- COURIERS AND EXCESS BAGGAGE
- FREIGHT

View draft only:

Travel and Transport

Showing 0 items Order: Date added

ADD NEW

Transport nickname * Country *

Description / Notes Region

Mode of transport

AIR TRAVEL ROAD TRAVEL **RAIL TRAVEL** BOAT TRAVEL COURIERS AND EXCESS BAGGAGE FREIGHT

Type of transport

NATIONAL RAIL INTERNATIONAL RAIL LIGHT RAIL AND TRAM UNDERGROUND/SUBWAY

Measurement method

DISTANCE SPEND

Number of passengers *

Distance * Unit *

SAVE DRAFT FINALISE REMOVE

Carbon Footprint

Status: **In Progress**

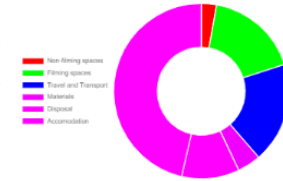
Using data you already have at your finger tips, our bespoke calculator allows productions to quickly understand their environmental impact.

Simply provide some basic information about your production office, studio, travel, accommodation locations, materials used, disposal and post-production and the rest is, well... maths.

Predicted Footprint Data

Praesent bibendum aliquet nunc, a auctor enim dignissim scelerisque.

Total CO2e	2.31
CO2e per hour	0.92
Offset Cost	20.79



Your offset cost is aliquet nunc, a auctor enim dignissim scelerisque. Quisque at nibh facilisis, vehicula velit vel, hendrerit tortor.

Non-filming spaces

ADD NEW VIEW / EDIT

Working from home or a day in the office, we want to know all about your non-filming spaces.

2 Finalised	Production Office	1
To complete your sections, you need to finalise all spaces.	Home Office	1

Filming spaces

ADD NEW VIEW / EDIT

Plug in, baby. Tell us about your studio and location power and generators.

2 Finalised	Studio	1
To complete your sections, you need to finalise all spaces.	Location	1

Travel and Transport

ADD NEW VIEW / EDIT

- HELP
- ACTIVITY

Don't get left behind!

Timing is key to successfully completing your footprint so make sure you stick to the recommended timings below. Starting at the beginning of pre-production will mean you know what information to keep track of throughout your production. The data you enter into the footprint will be from activities that the production is paying for.

Pre production

Start your draft footprint. A draft is important as it helps you see which areas of your production are likely to have the highest carbon impact. You can use your budget (where possible) or data from a previous series. We don't expect the data you submit here to be perfect but by completing a draft footprint you'll see which areas of your production are likely to have the most impact (e.g. if you have a high travel footprint, can you switch from flights to train journeys?). By completing a draft footprint, you'll become aware of the information you need to collect for your actual footprint and which members of your crew and other departments you'll need to engage with. Remember, you will need to input data for the whole production period including pre and post. When you've finished your draft footprint you can download and share it with your team. If you plan to take action to reduce your carbon footprint and achieve our albert certification, you should start your carbon action plan now.

Production

Keep track of the production's usage within each section throughout the production.

Post production

Amend your draft footprint entries with the final data. If there is something that was not included in the draft footprint you can add it now. Once you're happy that your entries are correct you should finalise each one and then submit your footprint. Once you have submitted your footprint, albert will audit it to make sure everything looks correct and get back to you within 10 working days.

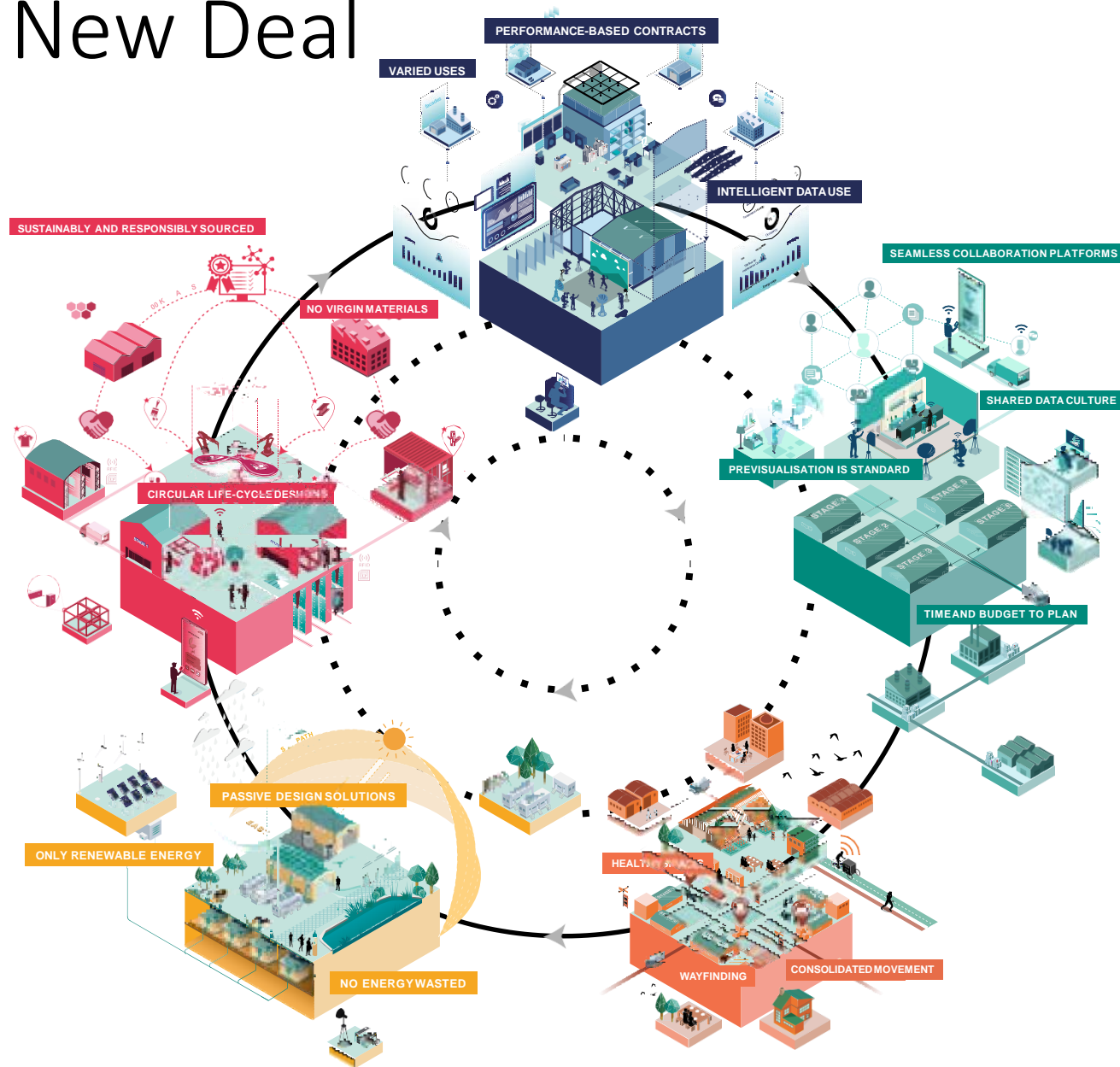
Sustainable Production Certification aims to:

1. Promote action to reduce environmental impacts
2. Promote action to engage the supply chains
3. Promote mitigation of remaining impacts



ALBERTA
Carbon Neutral
Sustainable Production

Screen New Deal



01 production materials

The industry creates zero waste and adopts a new life cycle approach for all its materials while still meeting creative requirements, addressing financial imperatives and regenerating the environment.

02 energy and water use

Energy demand is reduced by incorporating passive design measures, integrating green infrastructure, and implementing low energy fittings and technology.

03 studio buildings and facilities Buildings are designed for flexibility and adaptability. This is achieved by adopting a long-life, loose-fit design approach, realised by procuring building services and fit out through product-as-a-service contracts.

04 studio sites and locations

With the support of digital infrastructure like this together with the support from studios, delivering sustainable film productions has become the industry norm.

05 production planning

Greater emphasis and time is allocated to the planning phase to allow for people to critically consider design, procurement, fabrication, operation, maintenance and end-of-use from the outset.

SONY PICTURES ENTERTAINMENT STUDIO SUSTAINABILITY PROGRESS REPORT



CAMPUS & FACILITIES

* Based on CY2019 data

ENERGY USE

ANNUAL AVERAGES

Stage house lighting: .1 kWh/ft²

Stages: 4.8 kWh/ft²*

Office buildings: 16.21 kWh/ft²

Sony Pictures Studios campus: 15.13 kWh/ft²

*(Lighting, HVAC + plug loads)

Highlight: 2.5-megawatt battery storage system installed on-site in 2020.



RENEWABLE ENERGY

10% of energy comes from 1.83-megawatt on-site solar panel system

50% of electricity is renewable*

*Includes RECs and Solar. Does not include utilities portfolio.

Highlight: 100% of the electricity consumed by stage operations is offset by on-site solar generation.



WATER CONSUMPTION*

ANNUAL AVERAGES

57,478 gallons per day

12 gallons, per person, per day

*Includes: kitchen use, landscaping, domestic use. Excludes: evaporation from chiller

Highlight: SPE saves water by using artificial turf. 70% of landscaping consists of California native plants.



WASTE DIVERSION

84% Diversion from landfill

- 113 tons of Compost
- 70 tons of Recyclables

Highlight: SPE is eliminating single-use plastic water bottles across US and Europe facilities by March 2021. By 2025, we plan to eliminate single-use plastics from business operations.



HIGH IMPACT STUDIO LOT SERVICES

*Based on CY2019 data



TRANSPORTATION

8.12 mpg fleet average

130 EV car charging capacity

Target: By Spring 2022, increase fleet fuel efficiency by 8% and transition the Studio shuttle vehicles to fully electric



GRIP & LIGHTING RENTALS

24% of inventory is energy efficient, including LEDs*

*Energy efficient means 75% more efficient than a comparable, incandescent option

Target: Commitment to meet all clients' energy efficient lighting needs. Multi-year investment plan will increase LED inventory.



FOOD & OTHER DONATIONS*

Commissaries donate an average of 550 lbs of food per year

4,050 lbs of furniture donated to Habitat for Humanity

*Excludes monetary donations to the community

Target: Expand food donations on the lot to production operations



SETS, PROPS, & WARDROBE REUSE

24,000 total set pieces available

- 2,345 set pieces reused
- 8,744 set walls reused

70,075 Props reused

65,279 Wardrobe pieces rented



100% COMMITMENT

As part of Sony's Road to Zero plan, Sony Pictures Studio is committed to achieving a zero environmental footprint by 2050 across our 45-acre campus which includes office buildings and 18 sound stages.

Our targets at the studio include

- ✓ 100% Renewable Electricity by 2030
- ✓ Eliminate single-use plastics by 2025
- ✓ Achieve Zero Waste annually



COMING SOON..

Sony Innovation Studios, Sony's virtual production studio, will complete a carbon footprint analysis.

Sports Procurement Campaign

Aims & Objectives

To reduce our indirect emissions by:

- Ensuring sustainable procurement principles are applied at all stages of the procurement process including questioning the need to purchase goods and services at the start to implementing lessons learnt at the end.
- Adopting a procurement policy that sets out [minimum/preferred] environmental standards that we expect our suppliers to meet as well as recommended best practice
- Making climate related targets and performance a key supplier purchasing criteria [consider setting a weighting for this]
- Working with our suppliers, and supporting them to adopt more sustainable practices and action within their own supply chains to bring them on this journey with us
- Promoting best practice and innovation in our supply chain to increase the availability and effectiveness of sustainable products and services



BRITISH ACADEMY
OF FILM AND TELEVISION ARTS



Covid and sustainable production

Remote filming

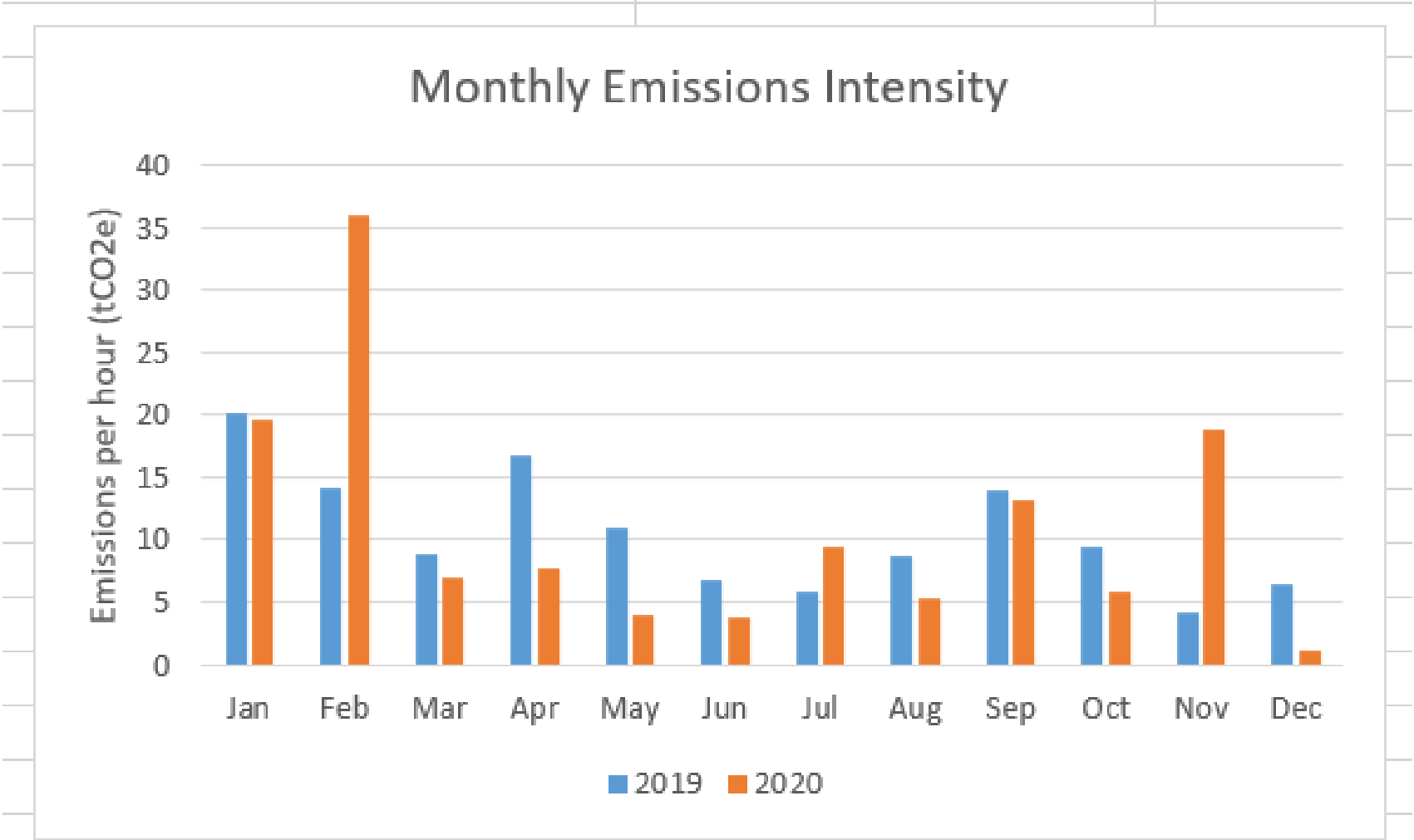
Local Talent

Paperless

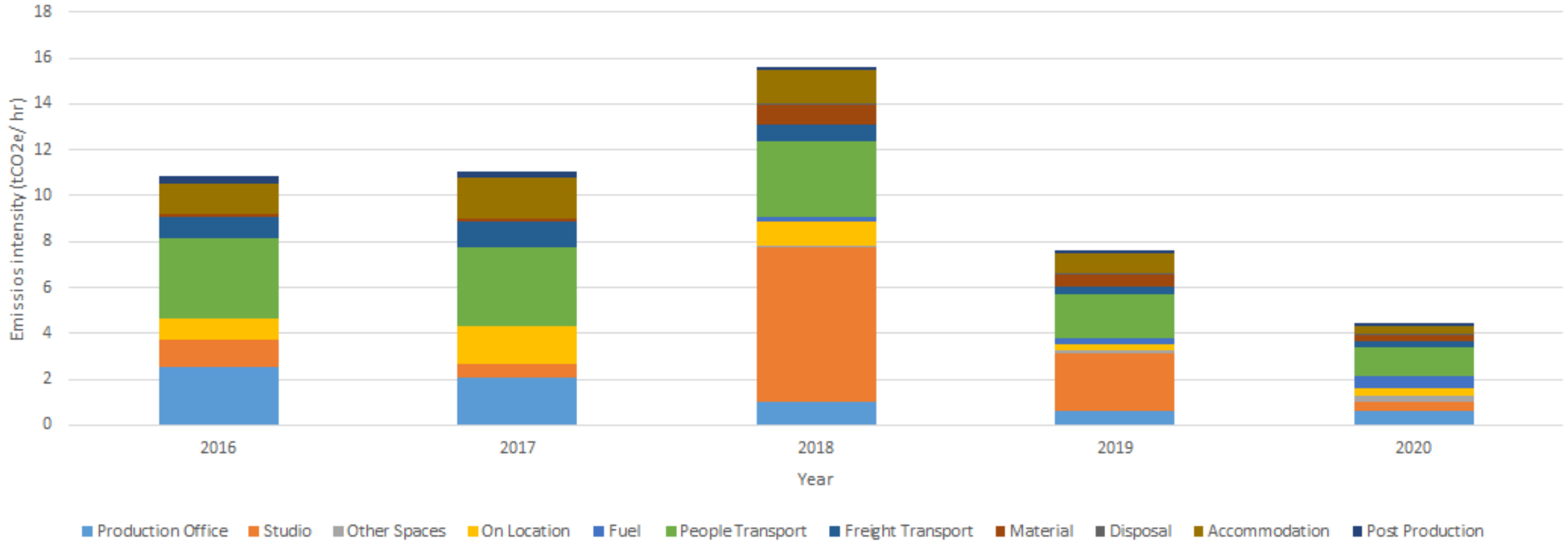
Single Use Plastic

The numbers of people doing training in 2021 have doubled.

Covid and sustainable production



Average Emissions Intensity



Emerdale Case Study

- First continuing drama to return to filming post-lockdown
- Recces done remotely
- Bases set up to reduce travel
- Locally sourced talent and crew
- Call sheets and scripts sent digitally
- Cast and crew bring their own mugs



Springwatch Case Study

- smaller crew hubs go out in numbers of 3-6 to around 10 locations - negating the need for huge amounts of power and generators altogether. one remotely
- brought the need for local crew into the fore
- sprung some new features



Posted on 12th November 2020

An apprenticeship in remote directing?

We spoke to Kate Bullen, Production Manager at Boundless about the challenges The Apprentice went through as the COVID-19 pandemic took hold, and the positives that came out of them.

 Articles



COVID-19

Like many other BBC productions, Bargain Hunt has adapted to new ways of working due to COVID-19. Most of us are working from home during these challenging and uncertain times, and as such are reviewing our habits and how we can continue to make the production as green as possible.

At present, employees are not commuting to work or travelling to filming locations, which has significantly reduced carbon emissions. Below, members of the BH team share a few other insights as they remain committed to looking after our planet.

Have a read and you may be inspired!

CASTING TEAM – Simon & Esther:

ALL APPLICATIONS ARE NOW COMPLETED ONLINE.
We used to receive them via email and print out in the office.

ALL AUDITIONS will be done via video conferencing.
We are using Facetime, Whatsapp, Skype & Zoom, instead of holding regular large face to face auditions.
As a result we have eliminated travel emissions and significantly reduced our Carbon Footprint.

Recommendations and Supporting Recommended Disclosures

Governance

Disclose the organization's governance around climate-related risks and opportunities.

a) Describe the board's oversight of climate-related risks and opportunities.

b) Describe management's role in assessing and managing climate-related risks and opportunities.

Strategy

Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning where such information is material.

a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.

b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.

c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.

Risk Management

Disclose how the organization identifies, assesses, and manages climate-related risks.

a) Describe the organization's processes for identifying and assessing climate-related risks.

b) Describe the organization's processes for managing climate-related risks.

c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.

Metrics and Targets

Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities where such information is material.

a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.

b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.

c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.

Challenge Areas

Commercial

Procurement

Travel

Content

Recruitment

Policy

Legal

Pensions

Communication

Challenge Areas

Commercial

Procurement

Travel

Content

Recruitment

Policy

Legal

Pensions

Communication



Challenge Areas

Commercial

Procurement

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Communication



making communications work
for everyone

A new future for public service broadcasting

04 July 2019

- Traditional channels must remain easy to find under new Ofcom rules
- Commitments by ITV, Channel 4 and Channel 5 to extend children's output
- Ofcom believes time is right for national debate on future of PSB

Ofcom has today announced a range of measures to ensure that public service broadcasters (PSBs) continue to deliver high-quality content for UK viewers and listeners.

But public service broadcasting is now at a crucial juncture, as broadcasters face unprecedented competition from global on-demand and internet services such as Netflix, Amazon Prime Video and YouTube.

Your own house

1.

Energy

2.

Transport

3.

Material

Sustainable Suppliers

We've compiled a directory of those suppliers going the extra mile to be green and support the production industry. Have a gander

Thank you!
Any more questions?

albert@bafta.org
wearealbert.org
[@weareALBERT](https://www.instagram.com/weareALBERT)



BAFTA