

Abertawe Ddi-garbon Net A Net Zero Swansea

Panel Craffu Perfformiad – Yr Amgylchedd
Naturiol

Scrutiny Performance Panel Natural Environment

19 May 2021



Cyngor **Abertawe**
Swansea Council













Cerrig milltir hyd yma o ran yr Hinsawdd

Climate Milestones to Date

- Mae Cyngor Abertawe'n ymrwymedig i weithredu o ran Newid yn yr Hinsawdd.
- Cyhoeddwyd Argyfwng Hinsawdd ym mis Mehefin 2019
- Adroddwyd am Adolygiad Polisi Datganiad Argyfwng Hinsawdd a Chamau Gweithredu Arfaethedig yn y cyngor ym mis Rhagfyr 2020













- Swansea Council is and has long been committed to taking action on Climate Change.
- A Climate Emergency was declared in June 2019
- Climate Emergency Declaration Policy Review and Proposed Action reported at Council in December 2020

Cyngor Abertawe Di-garbon Net erbyn 2030 Y daith hyd yn hyn

 <p>Lleihau allyriadau Ymrwymiad Lleihau Carbon 2010 o 55% yn 2019/2020</p>	<p>Ymrwymiad y Gronfa Bensiwn i leihau buddsoddiadau mewn tanwydd ffosil o 50%</p>  <p style="text-align: center;">dros 4 blynedd</p>	 <p>Gosod 12 o bwyntiau gwefru cerbydau trydan mewn meysydd parcio'r cyngor sy'n gwasanaethu 32 o leoedd parcio</p>	<p>Mae ein trydan i gyd yn dod o ffynonellau ynni adnewyddadwy</p> <p style="text-align: center;">100%</p> 
<p>Mae ein hysgolion a chymunedau'n elwa o baneli ynni solar cymunedol 580kw</p> 	<p>Caiff ein tai cyngor newydd eu hadeiladu mewn ffordd hynod ynni effeithlon yn unol â "Safon Abertawe" gyda storfeydd batri solar a phympiau gwres ffynhonnell aer.</p> 	 <p>Mae ein rhwydwaith beicio wedi tyfu 25% dros 3 blynedd</p>	<p>Mae ein cerbydlu'n cynnwys 40 o faniau trydan a char trydan!</p> 
<p>Eco-Sgolion Ymunwr cynnar</p> 	<p>Mae Abertawe wedi llwyddo i gyrraedd targed o fodloni lefelau ailgylchu o 64%erbyn 19/20</p> 	<p>21,053 o oleuadau stryd wedi'u huwchraddio i oleuadau LED allyriadau isel</p> 	<p>Ynys Ynni'r Ddraig a Morlyn Llanw Bae Abertawe yn cael eu hyrwyddo</p> 

A Net Zero Swansea Council by 2030

The journey so far

 <p>A 55% reduction on 2010 Carbon Reduction Commitment emissions in 2019/2020</p>	<p>A Pension Fund commitment to reduce fossil fuel investments by 50%</p>  <p>over 4 years</p>	 <p>12 Council car parks electric vehicle charge points installed serving 32 recharging bays</p>	<p>All our electricity is from 100% renewable energy sources</p> 
<p>580kw of community solar energy panels benefit our schools and communities</p> 	<p>New Council houses are super-energy-efficient built to a "Swansea Standard" with solar battery storage and air source heat pumps</p> 	 <p>Our cycle network has grown 25% over 3 years</p>	<p>Our fleet runs 40 Electric Vans and an electric car!</p> 
<p>Eco-Schools early joiners</p> 	<p>64% recycling levels by 19/20 target achieved by Swansea</p> 	<p>21,053 street lights upgraded to low emission LEDs</p> 	<p>Dragon Energy Island & Swansea Bay Tidal Lagoon championed</p> 

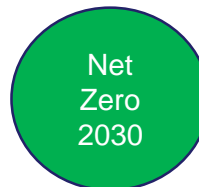
Amcanion



Cyngor Abertawe Di-garbon net

Erbyn 2030, bydd
Cyngor Abertawe yn
gyngor di-garbon net o
ran ei allyriadau
cwmpas.

Objectives



A Net Zero Swansea Council

By 2030 Swansea
Council will achieve
Net Zero carbon for its
own “in scope”
emissions.

Cyngor Abertawe Di-garbon Net 2030

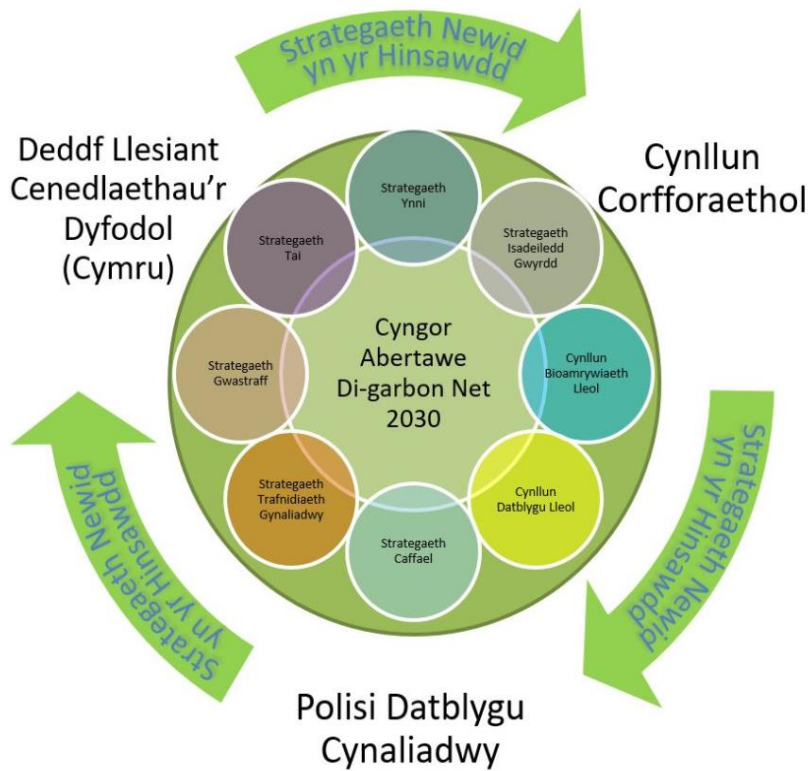
Net Zero Swansea Council 2030

- Ymagwedd integredig cyngor cyfan
- Camau gweithredu cadarn sy'n targedu allyriadau cwmpas

- A whole Council integrated approach
- Robust actions targeting in scope emissions
- Key actions driven by core policy areas

Cyngor Abertawe Di-garbon Net 2030

Net Zero Swansea Council 2030



Dangosyddion Perfformiad Drafft

Draft Performance Indicators

Ynni	LLEIHAD Adeiladau'r cyngor	Lleihad o 3% bl. ar ôl bl.
Cludiant a Phriffyrdd Cynaliadwy	LLEIHAD Cyflymu'r strategaeth cerbydlu gwyrdd	Gostyngiad o 5% bl. ar ôl bl.
Cludiant a Phriffyrdd Cynaliadwy	LLEIHAD Lleihad yn allyriadau'r cerbydlu llwyd	Gostyngiad o 5% bl. ar ôl bl.
Cludiant a Phriffyrdd Cynaliadwy	LLEIHAD Goleuadau stryd	Arbediad o 2% bl. ar ôl bl.
Ynni	CYNHYRCHU Byddai creu ffermydd solar a phrosiectau ynni adnewyddadwy eraill yn helpu i wrthbwysu allyriadau carbon.	cyfanswm yr ynni a gynhyrchwyd o baneli PV solar adnewyddadwy 2020-21 – caiff ei amcangyfrif o'r fanyleb dechnegol ar gyfer cynhyrchiant 2021-22.

Energy	REDUCTION Council Buildings	3% reduction yr on yr
Sustainable Transport & Highways	REDUCTION Accelerate the green fleet strategy	5% reduction yr on yr
Sustainable Transport & Highways	REDUCTION A reduction in grey fleet emissions	5% reduction yr on yr
Sustainable Transport & Highways	REDUCTION Street Lighting	2% saving yr on yr
Energy	GENERATION The creation of solar farms and other renewable projects would help offset carbon emissions.	2020-21 total generation from renewable solar PV – will be estimated from technical spec for 2021-22 generation.

Siarter ar Weithredu o ran yr Hinsawdd Cyngor Abertawe Swansea Council Charter on Climate Action

- Targed Di-garbon Net 2030
- Ymrwymo i weithio ac ymgysylltu ar y cyd
- Arwain trwy esiampl ac yn herio eraill i ymuno â ni wrth ymrwymo

- Net Zero 2030 Target
- Commits to collaborative working and engagement
- Leads by example and challenges others to join us in making commitment

Abertawe Ddi-garbon Net

A Net Zero Swansea

- Mae Cyngor Abertawe yn gweithredu ond er mwyn gwneud gwahaniaeth go iawn mae angen i bawb yn Abertawe chwarae eu rhan.

- Swansea Council is taking action but to make a real difference we need everyone in Swansea to play their part.

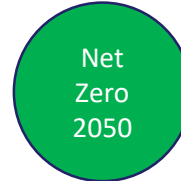
Amcanion

Objectives



Abertawe Di-garbon net

Erbyn 2050, bydd Abertawe fel Dinas a Sir gyfan yn cyflawni allyriadau di-garbon net.



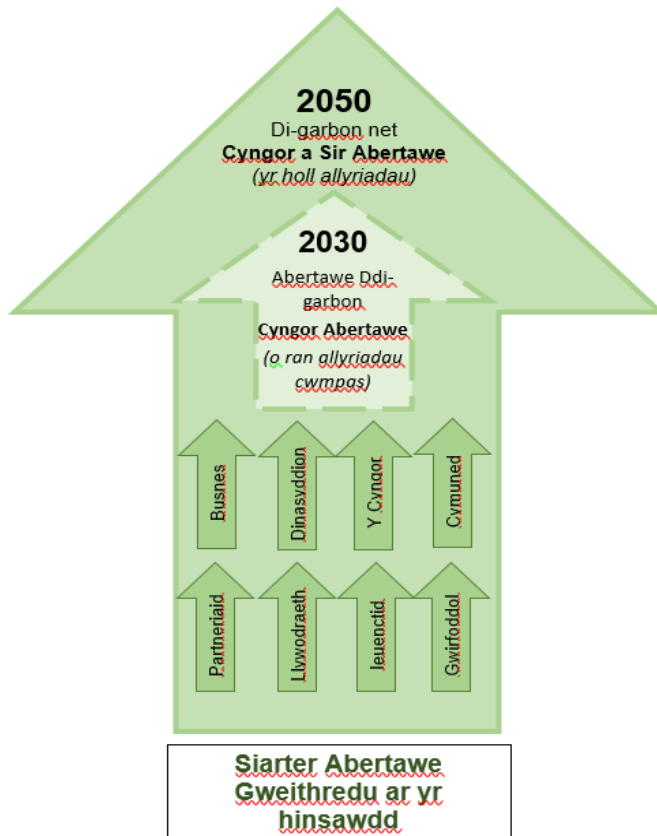
A Net Zero Swansea

By 2050, Swansea as a whole City and County will achieve Net Zero carbon emissions.

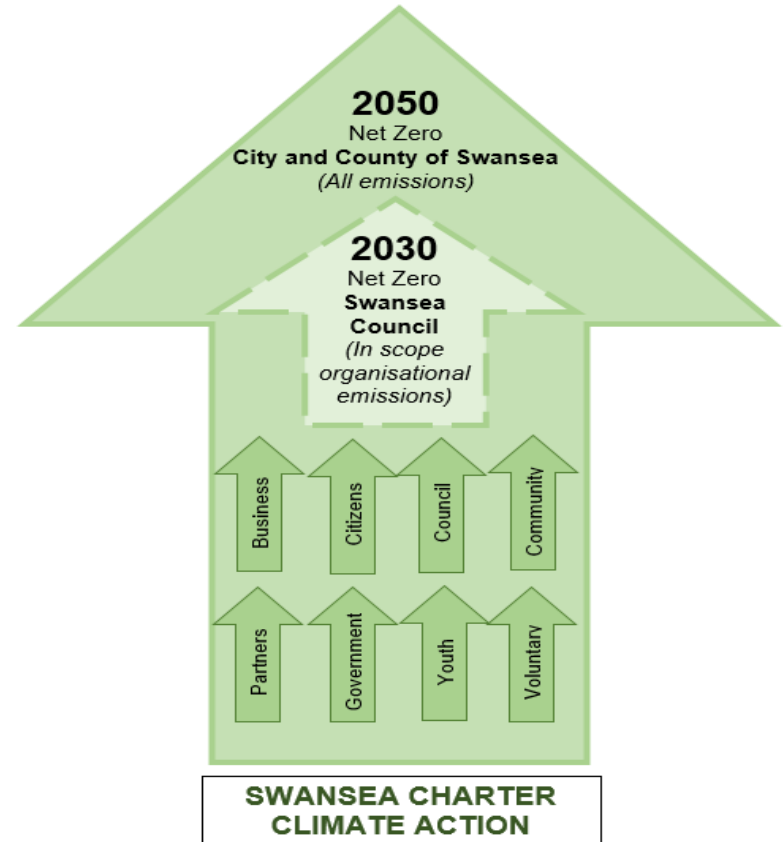
Abertawe Ddi-garbon Net

A Net Zero Swansea

ABERTAW E DDI-GARBON NET
2050

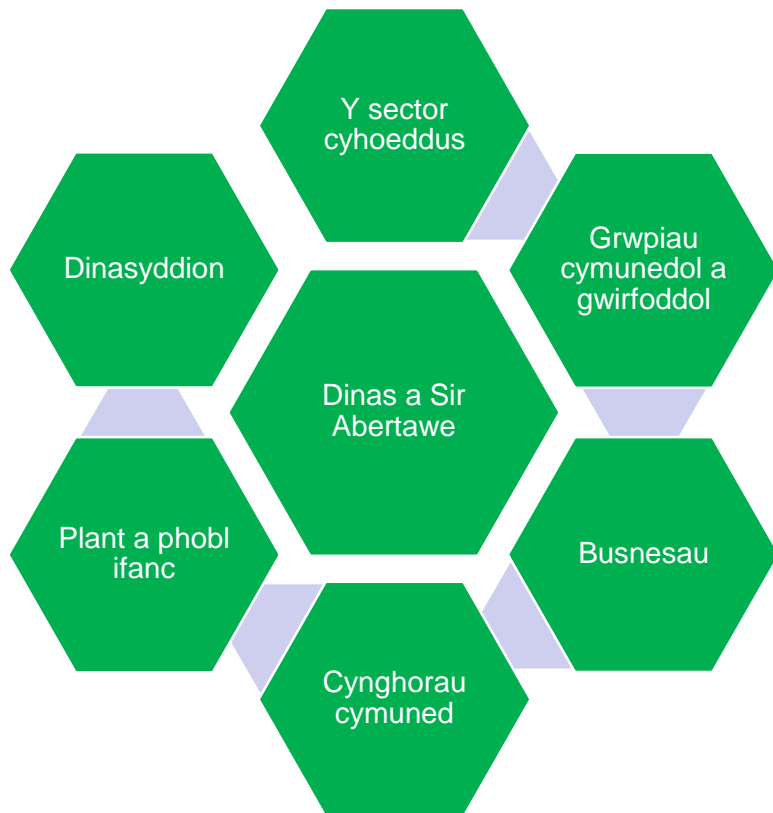


A NET ZERO SWANSEA



Abertawe Ddi-garbon Net 2050

Net Zero Swansea 2050



Addewid ar gyfer Abertawe Ddi-garbon Net

A Pledge for a Net Zero Swansea

- Cyfle i ymrwymo'n gyhoeddus i weledigaeth a rennir, ond mewn ffyrdd unigol.
- Potensial i alinio gweithgarwch amrywiol sefydliad partner o gwmpas nod cyffredin.
- Cynnwys dinasyddion, plant a phobl ifanc, busnes a'r trydydd sector.

- Opportunity to publically commit to a shared vision, but in individual ways.
- Potential to align partner organisation's diverse activity around a common aim.
- Engage citizens, children & young people, business and third sector.

Cynnwys

- Dechrau trafodaethau tymor hir dros ddegawdau
- Sefydlu gweledigaeth a rennir ac ymagwedd strategol i ymdrechu i gyflawni Abertawe Ddi-garbon Net 2050
- Grymuso a galluogi camau gweithredu
- Ymagwedd Tîm Abertawe

Engagement

- Start of a long term dialogue over decades
- Will establish shared vision and strategic approach to strive toward Net Zero 2050
- Will empower and enable action
- Team Swansea approach

Arolwg Hinsawdd Cyngor Abertawe

Swansea Council Climate Survey

- **967** o ymatebion i'r arolwg
- **396** o ymatebion i bleidlais Twitter
- **6** ymateb ar y cyd
- 15 Chwe i 29 Mawrth 2021
- **Bylchau Covid** - bwriedir ymgysylltu wyneb yn wyneb ac all-lein yn fwy gyda phlant, pobl ifanc a busnesau.
- Defnyddiwyd ein rhwydweithiau a'n perthnasoedd ymddiriedaeth presennol i gefnogi strategaeth dosbarthu'r arolwg.
- **967** survey responses
- **396** Twitter poll responses
- **6** Collective Responses
- 15 Feb to 29 Mar 2021
- Covid Gaps – more targeted engagement with children, young people, business and face to face offline planned.
- Survey distribution strategy piggybacked on our networks and existing trust relationships.

Cyfradd ymateb arbennig o uchel ac amrywiol

A diverse and exceptionally high response rate

Cysylltiadau personol, rhwydweithiau grŵp, cylchlythyrau, e-byst a chyfryngau cymdeithasol gan ddefnyddio perthnasoedd sy'n bodoli

Unigolion
Individuals

Cynrychiolwyr etholedig
Elected representatives

Grwpiau cymunedol a gwirfoddol
Community and voluntary groups

Partneriaid y sector preifat a chyhoeddus a'r trydydd
Private, public and third sector partners

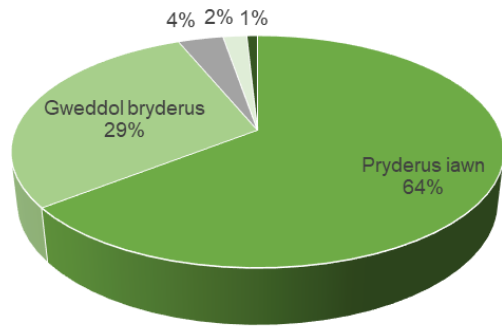
Holl wasanaethau Cyngor Abertawe
All Swansea Council Services

Personal contacts, group networks, newsletters emails and social media using existing relationships

Agweddau at newid yn yr hinsawdd

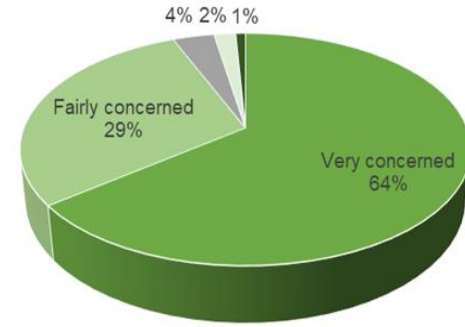
Attitudes to climate change

Sut ydych chi'n teimlo am newid yn yr hinsawdd?



■ Pryderus iawn
 ■ Gweddol bryderus
 ■ Gweddol ddidaro
■ Yn ddidaro iawn
 ■ Ddim yn gwybod

How do you feel about climate change?



■ Very concerned
 ■ Fairly concerned
 ■ Fairly unconcerned
■ Very unconcerned
 ■ Don't know

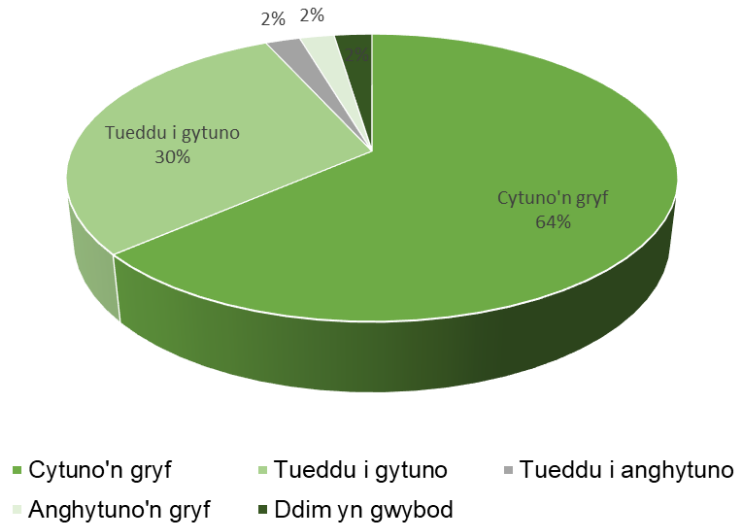
- Canran hynod gadarnhaol o 93% yn pryderu.

- An overwhelmingly positive 93% feel concerned.

Awydd am newid

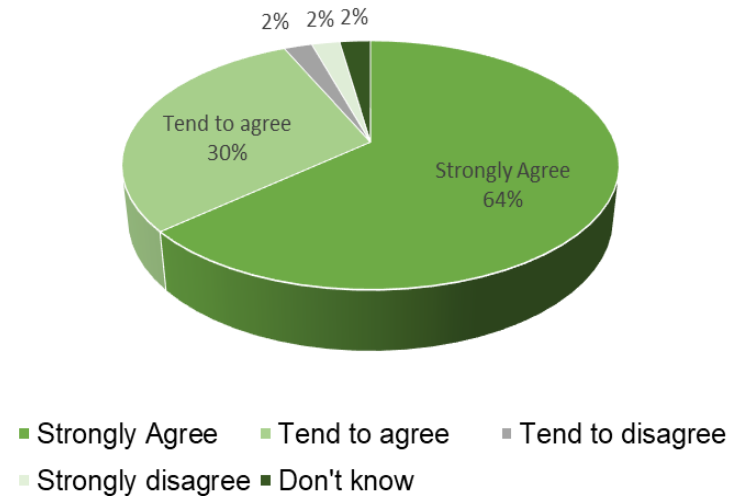
Appetite for change

I ba raddau ydych chi'n cytuno neu'n anghytuno eith bod yn barod i wneud newidiadau tauag at Abertawe Ddi-garbon Net erbyn 2050?



- Cytunodd 94% eu bod yn barod i wneud newidiadau

To what extent do you agree or disagree you are prepared to make changes towards a Net Zero Swansea?

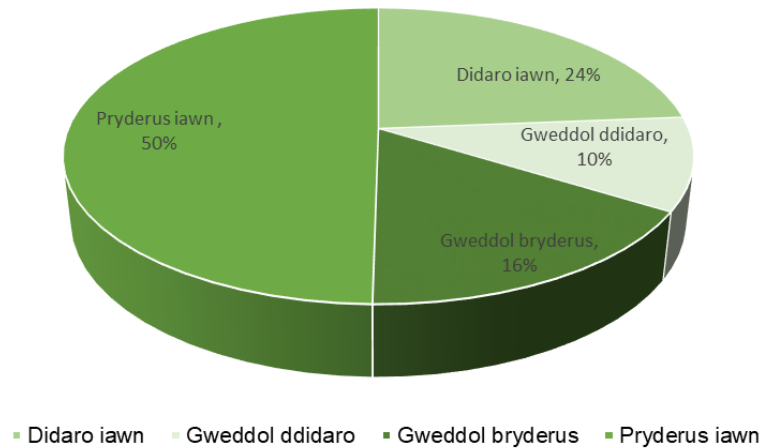


- 94% agreed they are prepared to make changes

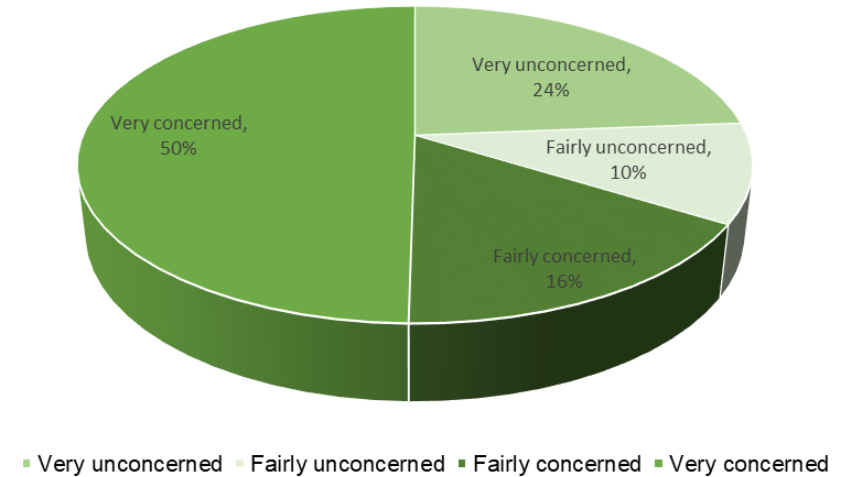
Arolwg barn Twitter - Agweddau at newid yn yr hinsawdd

Twitter poll – Attitudes to climate change

Sut ydych chi'n tyeimio am newid yn yr hinsawdd?



How do you feel about climate change?



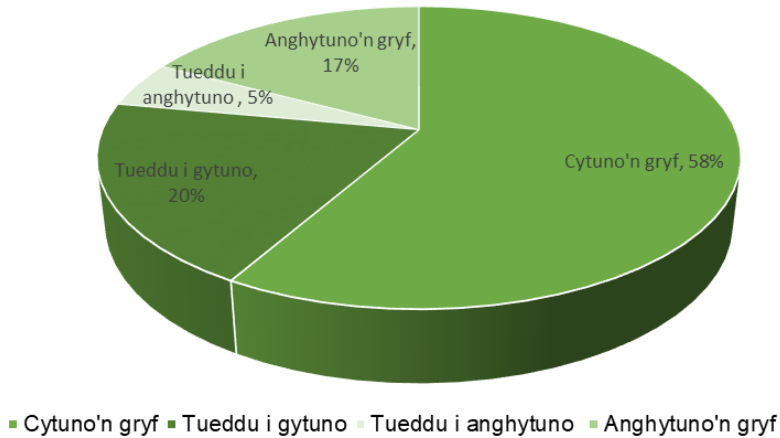
- 3 Mawrth 2021
- 196 o ymatebwyr
- 78% yn cytuno
- 16% yn is ar Twitter

- 3 March 2021
- 396 respondents
- 66% concern
- 27% lower on Twitter

Arolwg barn Twitter - awydd am newid

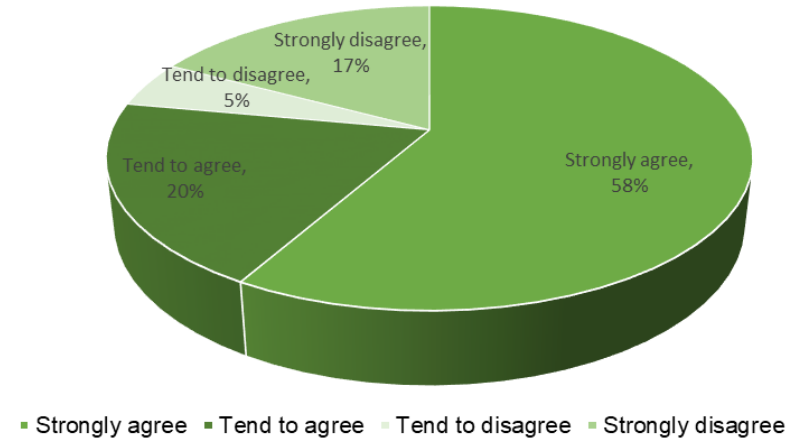
Twitter Poll- Appetite for change

I ba raddau udych chi'n cytuno neu'n anghytuno eich bod yn barod i wneud newidiadau taug at Abertawe Ddi-garbon Net erbyn 2050?



- 3 Mawrth 2021
- 196 o ymatebwyr
- 78% yn cytuno
- 16% yn is ar Twitter

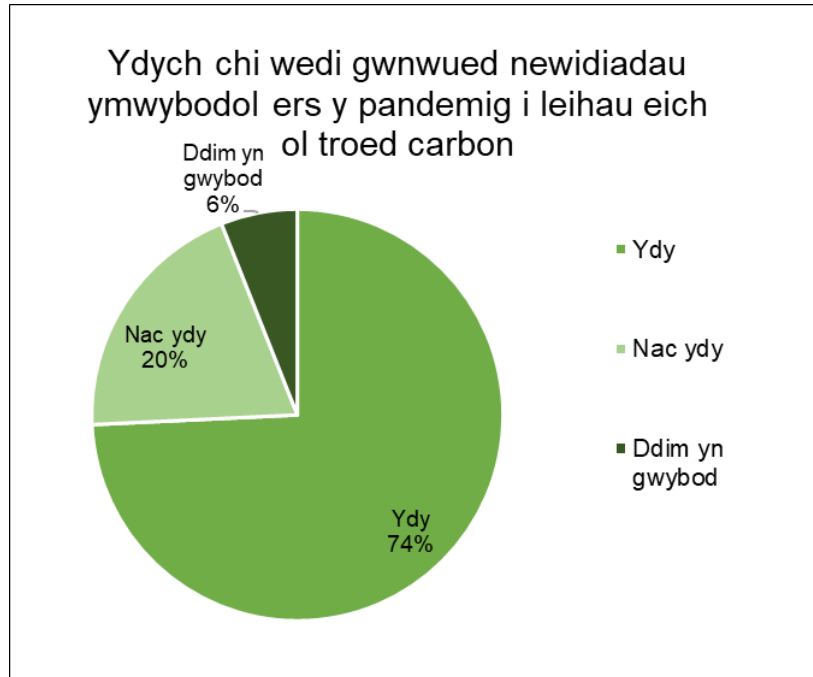
To what extent do you agree or disagree you are prepared to make changes towards a Net Zero Swansea by 2050?



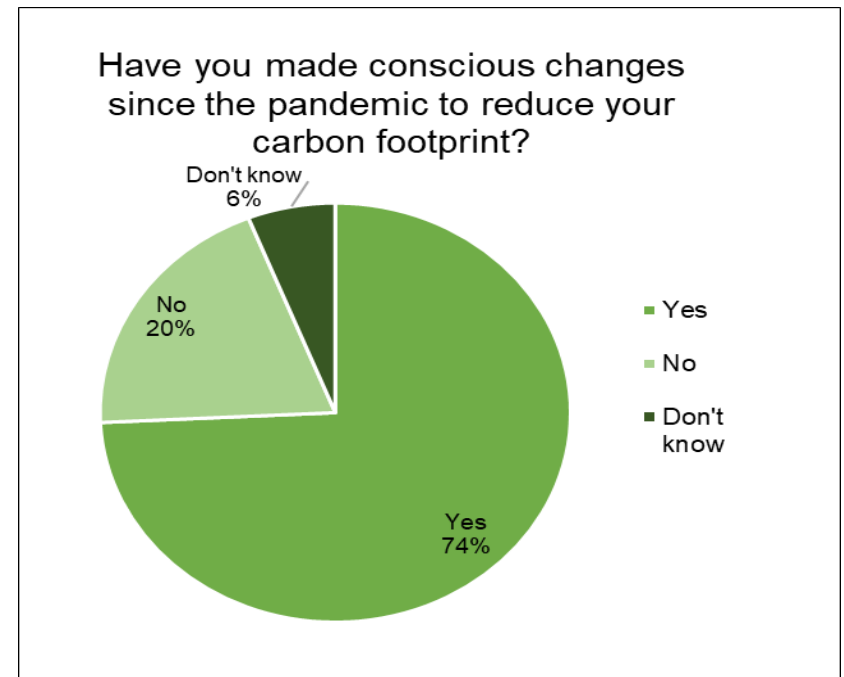
- 3 Mar 2021
- 196 respondents
- 78% agreement
- 16% lower on Twitter

Effaith y Cyfyngiadau Symud

The impact of Lockdown



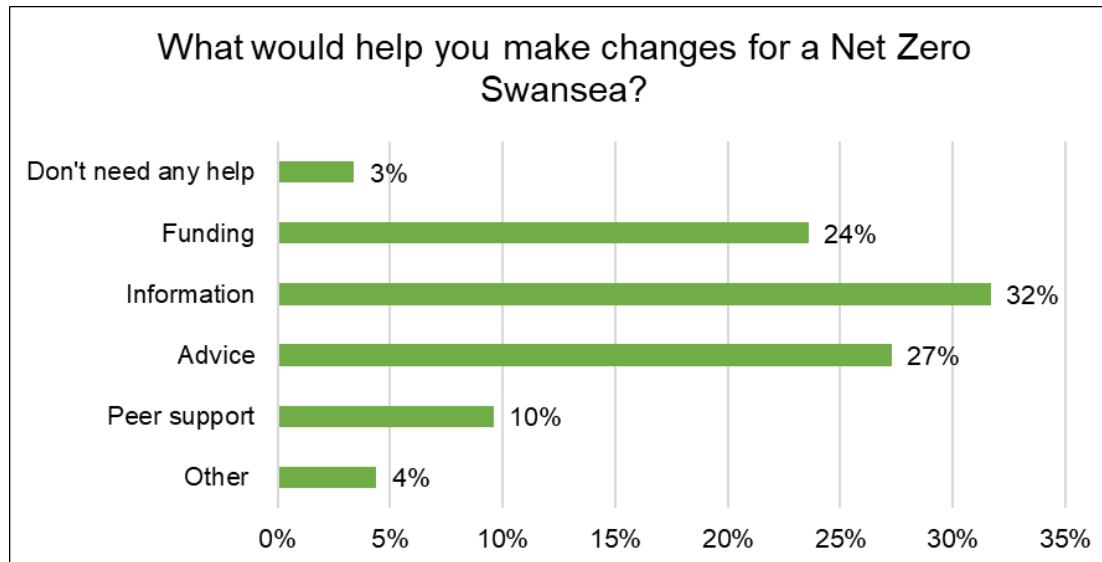
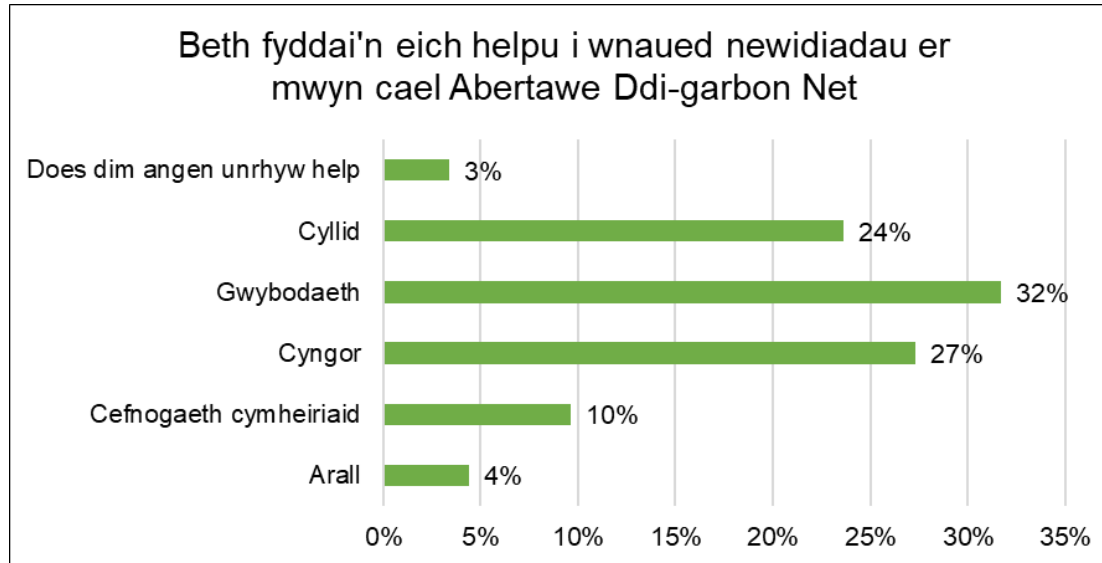
- Llauer o newidiadau'n ymddangos yn rhai tymor hir e.e. gwerthu car, dewis gweithio gartref



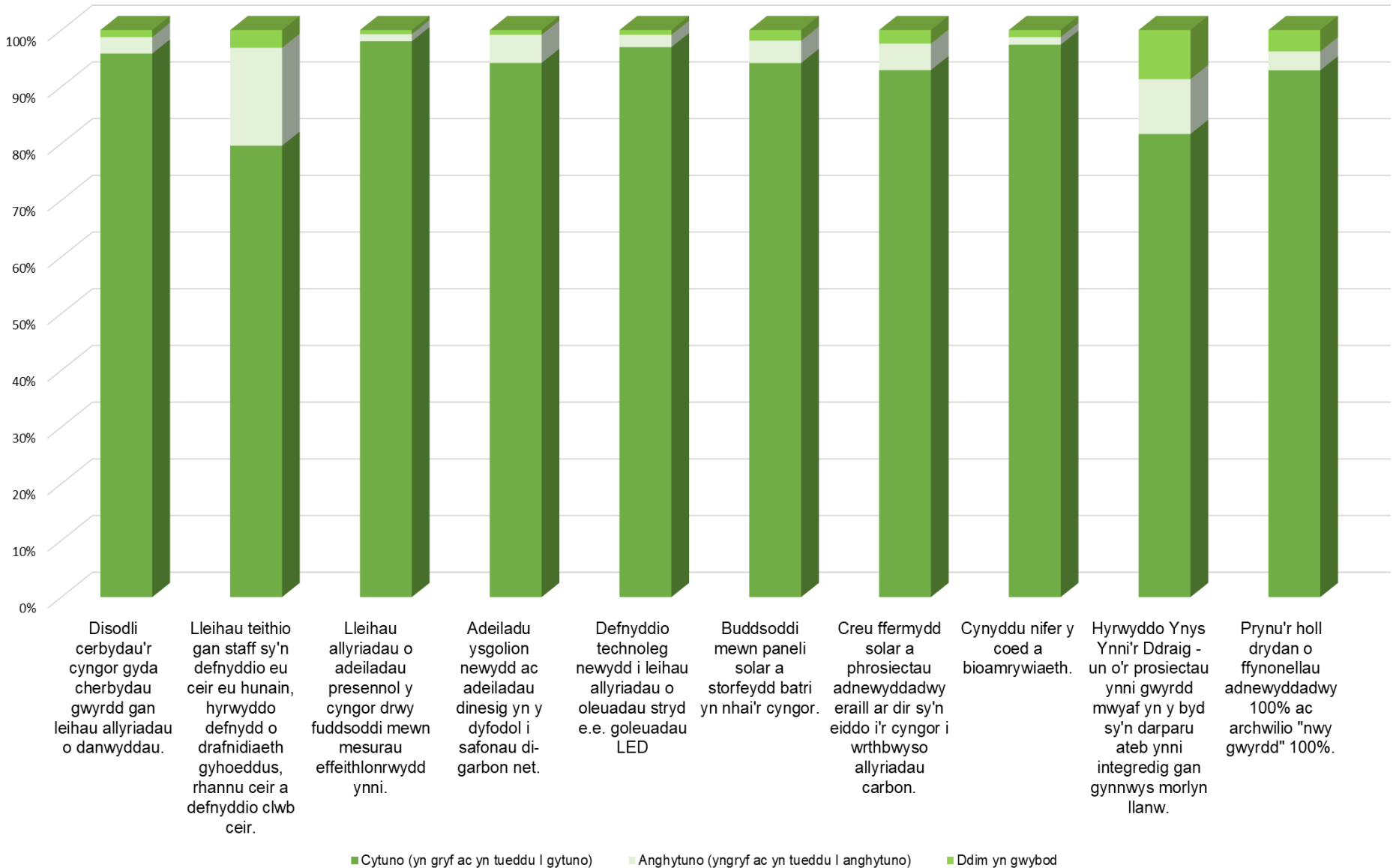
- Many changes seem long term e.g. selling a car, choosing WFH.

Help a chefnogaeth

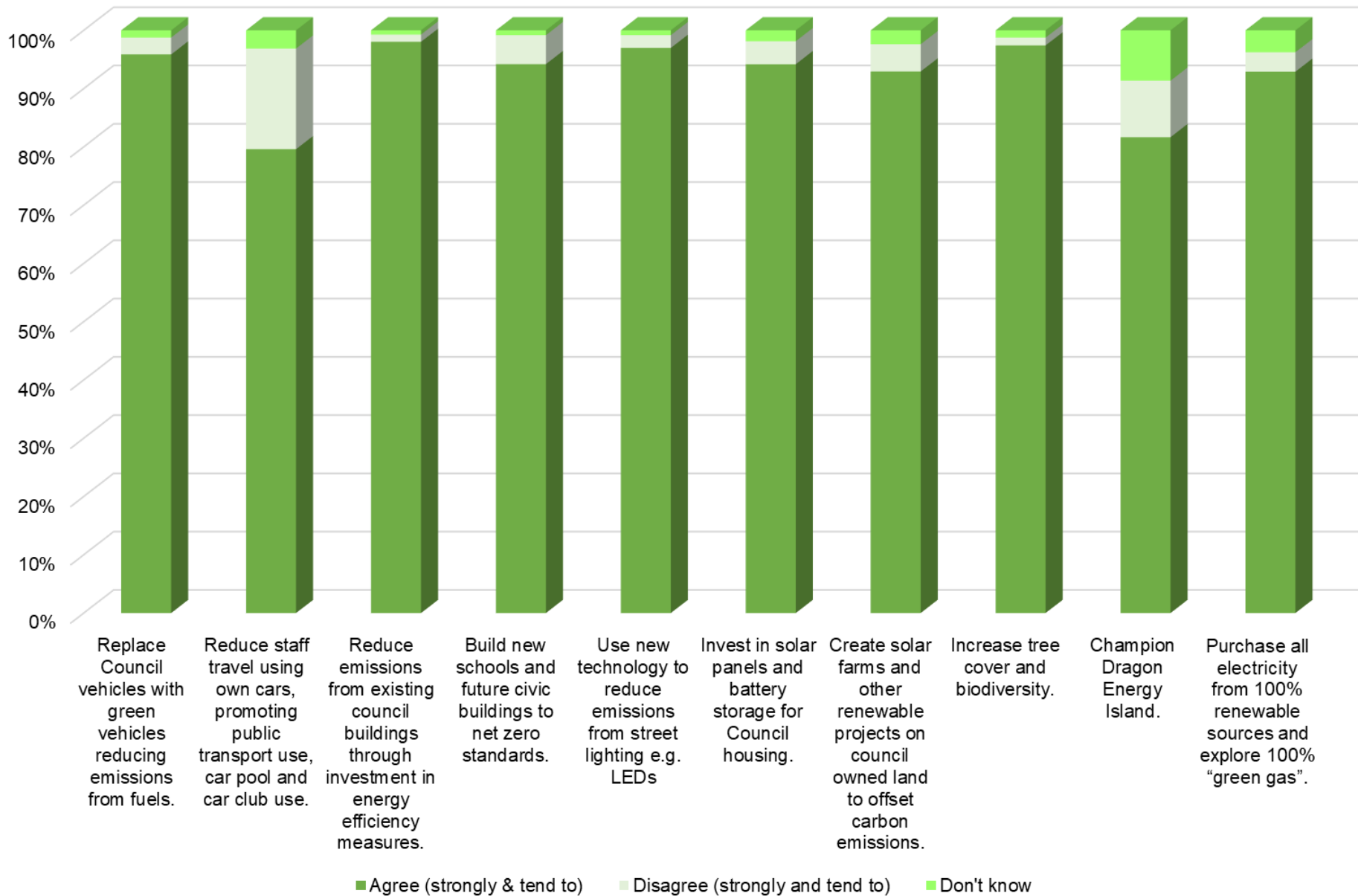
Help and support



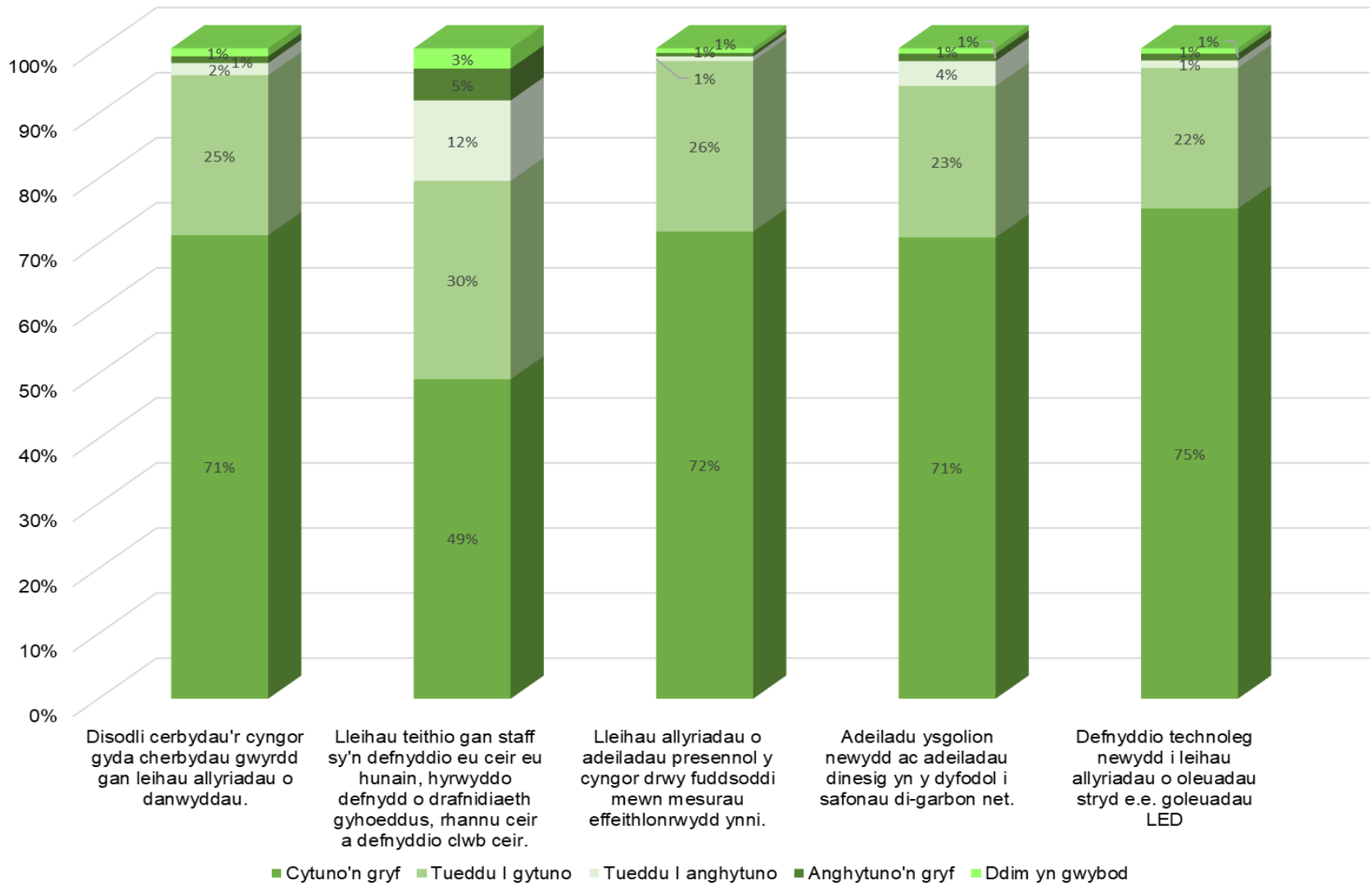
Faint o ymatebwyr yn fras oeddyn cytuno neu'n anghytuno y bydd y camau gweithredu allweddol hyn yn ctfrannu at Gyngor Abertwae yn dod yn Ddi-garbon Net erbyn 2030?



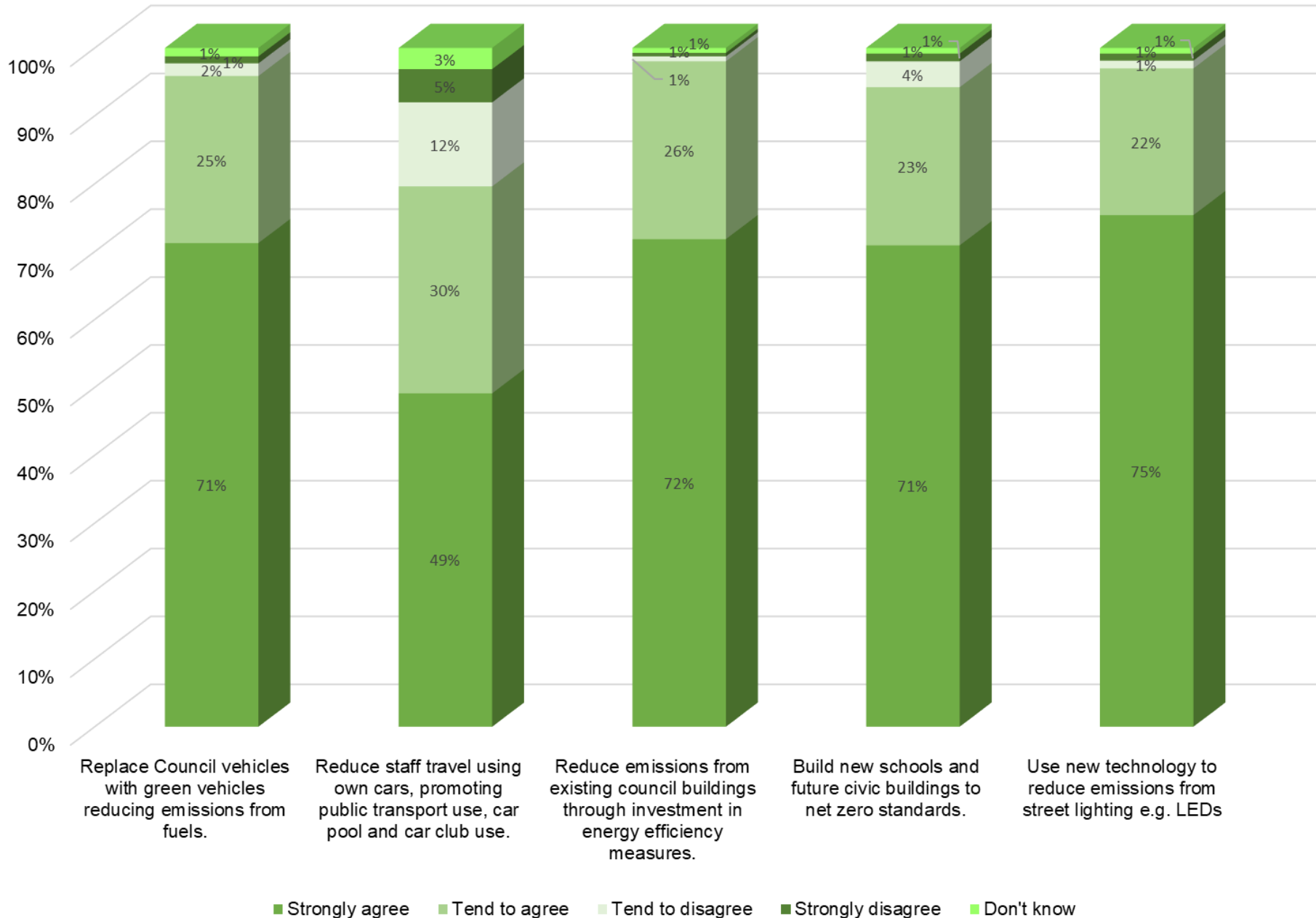
The extent to which respondents broadly agreed or disagreed these key actions will contribute to Swansea Council becoming Net Zero carbon by 2030?



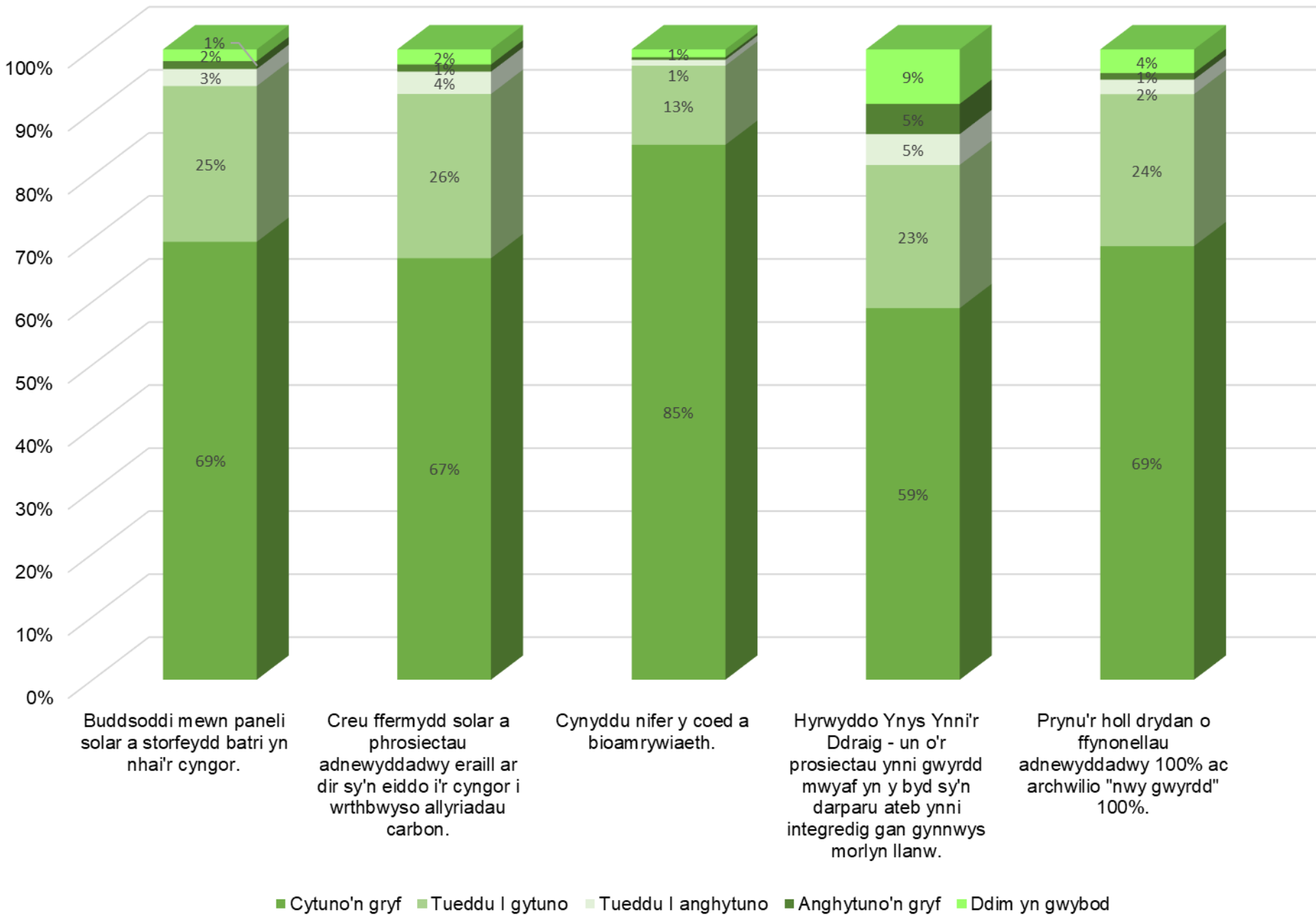
I ba raddau rydych chi'n cytuno neu'n anghytuno y bydd y camau gweithredu allweddol hyn yn cyfrannau ay Gyngor Abertawe'n dod yn Ddi-garbon Net erbyn 2030?



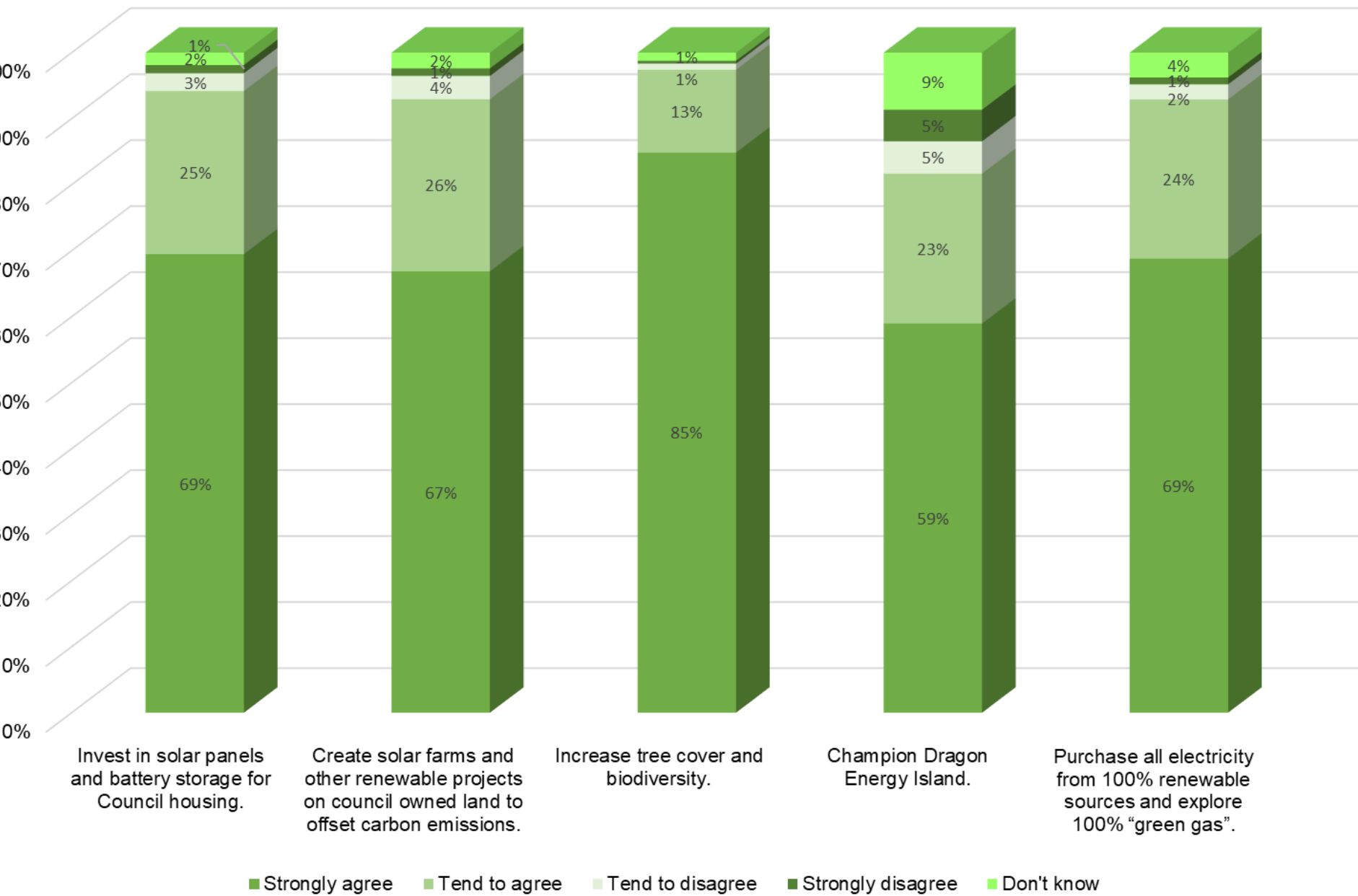
To what extent do you agree or disagree these key actions will contribute to Swansea Council becoming Net Zero Carbon by 2030?



I ba raddau rydych chi'n cytuno neu'n anghytuno y bydd y camau gweithredu allweddol hyn yn cyfrannu at Gyngor Abertawe'n dod yn Ddi-garbon Net erbyn 2030?



To what extent to do you agree or disagree these key actions will contribute to Swansea Council becoming Net Zero Carbon by 2030?



Camau gweithredu allweddol eraill

Other Key Actions

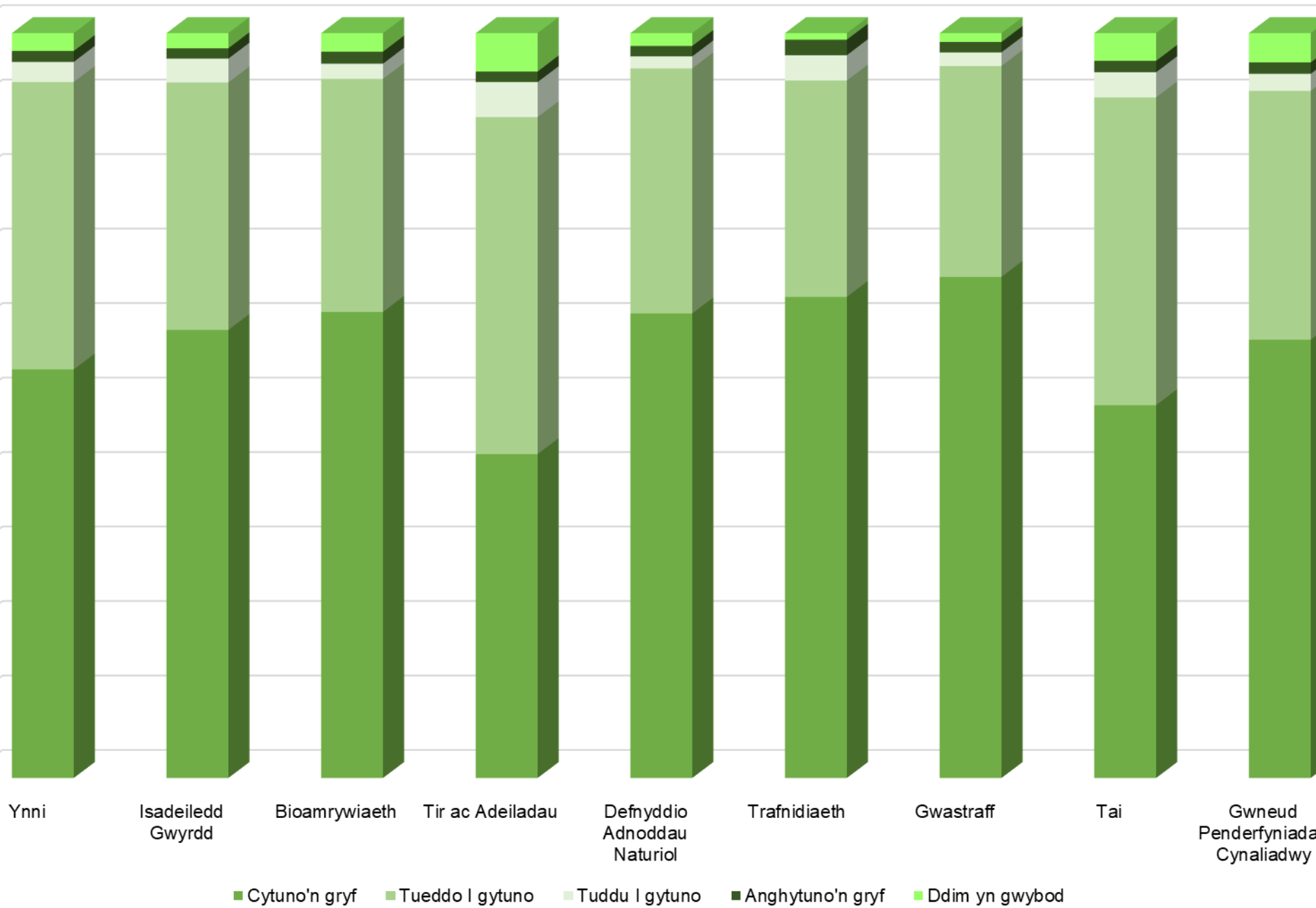
Blaenoriaethwyd y meysydd hyn hefyd gan ymatebwyr

- **Gweithio hyblyg** (trefniadau gweithio gartref a hybiau cymunedol)
- **Addysg** (hyfforddiant staff yn galluogi newid mewn ymddygiad)
- **Ynni amgen** (o'r ddaear, rhwydweithiau gwres, gwynt)
- **Caffael** (cig, cynnyrch llaeth, plastigion, lleol)
- **Rheoli dŵr** (llwyd a glas)

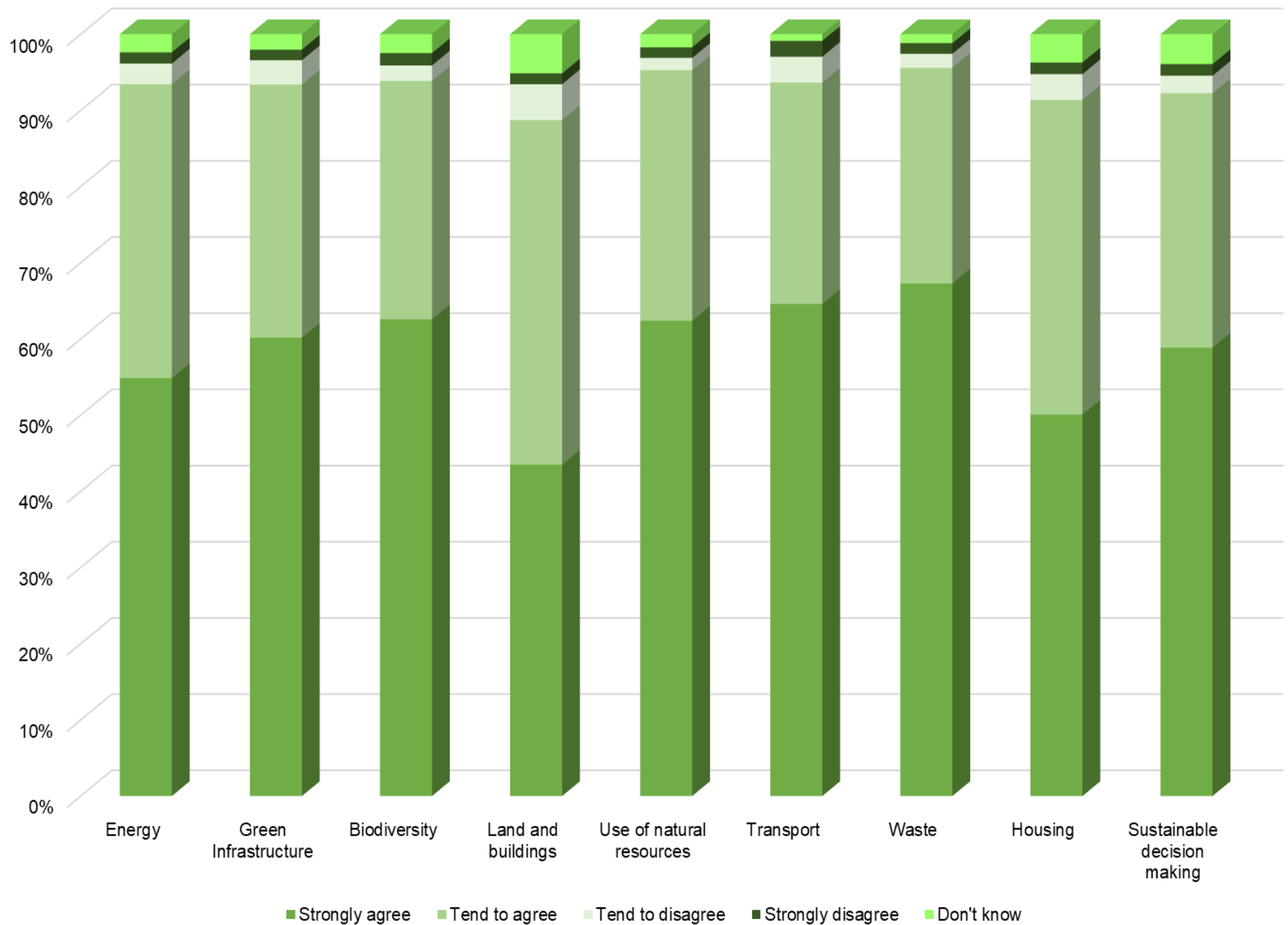
These areas were also prioritised by respondents

- **Agile Working** (working at home arrangements and community hubs)
- **Education** (staff training enabling behaviour change)
- **Alternative energy** (ground source, heat networks, wind)
- **Procurement** (meat dairy, plastics, local,
- **Water management** (grey and blue)

Ydych chi'n cytuno neu'n anghytuno bod y pynciau hyn yn themau allweddol wrth fynd i'r a newid yn yr hinsawdd yn Abertawe?



Do you agree or disagree that these topics are key themes to tackle climate change in Swansea?



Common themes

- **Cyllid** (dadfuddsoddi drwy bensynau, benthyciadau, ehangu'r sylfaen cyflenwyr, cymhellion ar gyfer gweithgarwch gwyrdd, cyfalafau naturiol)
- **Anghydraddoldebau** (tloidi tanwydd, tloidi bwyd, anghydraddoldebau iechyd, mynediad anghyfartal at gefnogaeth)
- **Teithio llesol** (gan gynnwys cludiant cyhoeddus)
- **Aelwydydd** cefnogaeth ar gyfer effeithlonrwydd ynni
- **Finance** (divestment via pensions, loans, extended supplier base, incentives for green activity, natural capitals)
- **Inequalities** (fuel poverty, food poverty, health inequalities, unequal access to support)
- **Active travel** (inc. public transport)
- **Household** energy efficiency support

Themâu cyffredin eraill

Other common themes

- **Addysg** (o ysgolion i ddysgu gydol oes, hyfforddi staff a darparu gwybodaeth gyhoeddus gan alluogi newid mewn ymddygiad)
- **Gweithio hyblyg** - (o drefniadau gweithio gartref i hybiau cymunedol, buddsoddiad mewn TGCh a band eang)
- **Cyfleusterau ailgylchu** - mwy ac yn ehangach
- **Diogelu** manau gwyrdd
- **Education** (from schools to life long learning, staff training and the provision of public information enabling behaviour change)
- **Agile Working** – (from working at home arrangements to community hubs, investment in ICT and broadband)
- **Recycling facilities** – more and wider
- **Protection of green space**

Canfyddiadau Allweddol

Key Findings

Mae pobl Abertawe yn pryderu am newid yn yr hinsawdd ac yn cefnogi camau gweithredu allweddol arfaethedig y cyngor Y neges allweddol yw

Ewch yn gyflymach, ewch yn bellach!

People in Swansea are concerned about climate change and support the Council's proposed key actions. The key message is

Go Faster, Go Further!

Camau Nesaf

Next Steps

- Gwaith cyfredol gyda phartneriaid tuag at 2050.
- Adborth o'r arolwg yn cael ei ddefnyddio i lywio dylunio a chyflwyno gwasanaethau.
- Ymagwedd 'Dywedoch chi, gwnaethon ni' yn cael ei defnyddio i wella cynlluniau.
- Cwestiynau Cyffredin
- Cyhoeddi Adroddiad Hinsawdd 2030 yn yr haf
- Ongoing work with partners towards 2050.
- Survey feedback being used to inform design and delivery of services.
- 'You said, we did' approach being applied to improve plans.
- FAQ
- Publication of 2030 Climate Report in Summer.

Diolch

www.abertawe.gov.uk/newidynyrhinsawdd

Thank You

www.swansecouncil/climatechange