KI : A growing percentage of the world's population lives in urban areas			GCSE Urban	Issues and Challenges – Urbanisation and Lagos	Case study :	Challenges of urban growth	
Key terms Definitions			Knowledge Organiser	Lagos			
Mega cities Urban area with population in excess of 10 million people		Case study :	Urban growth creates opportunities and challenges for cities in	Management of the growth of	 60% live in slums Most in Lagoon area e.g. Makoko Lack basic facilities, communal toilets, waste put into the lagoon causing disease. 3km to communal water point Crime in the slums an issue Ero Atlantic – New city of 250,000 		
Migration When people move from one area to another		LAGUS	LICS/NEES	slums / squatter			
Natural Birth rate minus death rate increase		Location and importance regionally,	 SW Nigeria, Gulf of Guinea Capital in early 20th century until 1991 (Abuja now the capital) 	settiements			
Urbanisatio n	The proce population	ess by which an increasing percentage of the country's on comes to live in towns and cities	nationally and internationally	 80% of Nigerian industry in Lagos Main finance centre in West Africa 	Providing clean	2 new power stations planned	
Global pattern of urban change		Causes of growth	 International airport and port Increasing population (15 million at present and increasing by 15,000 a year) Expanded north and west of Lagos lagoon) Natural increase – youthful population and most migrants 	water, sanitation systems and energy	 Plans to harness methane from rubbish dumps 2012 Lagos state water Regulatory Commission ensures safe water and fair prices. Responsible for water treatment plant and monitors boreholes 		
Urban trends worldwide	 Hig mig high Low 	hest rate of urbanisation in LICs due to rural to urban ration and high rates of natural increase (birth rate much her than death rate) rer rates in HICs as already urbanised and have aging	NIGER • Sokoto	I to urban r GRAD ging climat political ur		 Water bought from vendors Lack of sewage system High risk of flooding as low lying 	
 Cower Fates in Fates in Fates an aready dribanised and population Some NEEs in South America following HIC Largest increase in India, China and Nigeria areas will have grown by 37% 		ulation ne NEEs in South America following HICs pattern gest increase in India, China and Nigeria – by 2050 urban as will have grown by 37%	Contraction of the second seco	jobs, urban family, edu Viav Festac Town Ajegunic (Lagos Lagon	Providing access to services – health and education	 Most in informal areas live on less than \$1.25 a day Healthcare free in government clinics though often long queues 	
 Asia – huge population. Massive rural to urban migration. e of meg b Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. c Asia – huge population. Massive rural to urban migration. 			S-Lapos Berg City Engo: Figure 2 Figure 2 F	Apapa Island Wetry State Island Lagos Harbour Atlantic Ocean	Reducing unemployment and crime	 3 helicopters for police 9.9% unemployment Grants via the Trust Fund Bill have helped people become self employed 30% of new jobs in the informal economy 	
			Social – access to services, health and education Access to resources, water and energy	 More schools and universities Growing industry – fashion, finance and film (Nollywood) Healthcare available 68% have secondary education (40% of people in rural areas don't get a primary education) Above average healthcare, education and employment – 9 years education, 53 years life expectancy 2 power stations planned. Wealthy houses and businesses have generators Bich have pipes water 	Managing environmental issues – waste disposal, air and water pollution, traffic congestion	 Only 40% waste collected Waste recycling industry e.g. Olyssun dump Eatal accident rate 28 per 100, 000 (x3 Eatal accident rate 28 per 100, 000 (x3 nended level n Area set up a em nsport, ferry v airport, walking 	
Image: Solution of the second sec		Economic – how wrbap inductive More jobs in Lagos in both the formal and informal wrbap inductive		Case Study : Makoko floating school	An example of urban planning that is improving the quality of life for urban poor		
NEEs			areas can		When?	2014	
Key terms		Definitions	economic	35.55	Problems in	Growing population	
Economic opportunities Chances for people to improve their standard of living through employment Pollution Presence of chemicals, noise, dirt etc which have harmful or poisonous effects on an environment Sanitation Measures designed to protect public health e.g. clean water Social opportunities Chances for people to improve their quality of life Squatter settlement An area of poor quality housing lacking in amenities which develops spontaneously and illegally Traffic congestion Occurs when there is too great a quantity of traffic for				Lagos	 Increasing population density Rising sea levels Deconvector supply 		
		S	verifield out		Unreliable power supplies		
			Names for shade	Design of the school	Solar panels Natural ventilation Playeround / green area		
		Particular in the second secon			 Floating platform Local building material Collects rainwater and stores it 		
		source of the second se		Hopes for the future	Hoped this design could be applied to houses in the Lagoon		

KI : Urban change in cities in the UK leads to a variety of social, economic and environmental opportunities and challenges				GCSE Urban Issues and Challenges – London and urban sustainability Knowledge Organiser				Case Study : London Docklands	An example of a regeneration scheme		
Population	Overvie 260 per	Overview of the UK population and major cities in the UK 260 per km ² on average		Case Study : Shoreditch, London	How urban change cre	eates opportunities		Reasons why the area needed regeneration	 1970s – docks went into decline as too small for larger ships 1980s – lay empty. Industry gone and traditional iobs loct 		
Cities	5000 per km ² in London and less than 10 per km ² in North of Scotland Most in low lying flat areas especially by coasts and rivers		Cultural Mix (Social)	 Older residents and Bangladeshis moving out Young professionals moving in Gentrification occurring 				 JODS TOST Most housing substandard Declining environment 			
Cities	Ties Fastest growing are in south east. London the fastest growing Sunderland is the only city with a decreasing population Scotland Scotland Scotland Scotland		Ireland	Recreation and Entertainment (Social)	Nightclubs set up Fashionable shops Pubs and bars			Main features of the project	 1981 – London Dockland Development Corporation set up. Aimed to improve social, economic and environmental conditions in the area Idea was a mix of government and private funding 		
100.220 50.100 5.20 0.21		RELAND Vales Atlantic Ocean English Channel Atlantic Coean Complete	Employment (Economic)	 Finance and creater High tech compare Increase in jobs 	ative industries anies in area called Sili in London in general	con Roundabout		 Canary wharf area developed Office blocks – international banks led to 100,000 jobs 			
	i de la compañía de la		Integrated transport systems (Social and economic)	 Increasing number of passengers 2014 – 75 million on underground and buses Cross Rail East West route opening 2018 Cross Rail 2 opening in 2030 with a north south route 				Transport links include Dockland light railway, City of London Airport Shopping malls and International Indoor Water Centre as well as a campus for the University of East London 22, 000 new homes and 10,000 refurbished			
	- Ar		Urban greening (Environmental)	London has 47% greenspace Central London parks, woodlands, cemeteries and gardens Deduce purpose descrete floading, more bablets, backburgers				 Increase in green space to 130 hectares – 200,000 trees planted 			
Case study : London		Lizandpoint.com		Produce oxygen, decrease flooding, more habitats, healthy recreation and can grow food Trying to connect green areas with a green grid			KI : Urban sustainability requires management of resources and transport				
Case study . London		and environmental challenges	and opportunities	Case Study : London	How urban change has created challenges			Key term	Definitions		
Location and import	ance of	e of South East England on either side of the River Thames Capital city – centre of trade, manufacturing and finance Hub for transport networks Wealthy city		Urban deprivation	2 million living ir	n poverty		Sustainable urban living	Includes the use of renewable resources, energy efficiency, public transport, accessible resources and services		
city in UK and wider	world			Inequalities in housing, education, health and		Kensington and Chelsea	Newham	Waste recycling	Process of extracting and reusing useful substances found in waste		
		House prices and earnings increasing Headquarters of TNCs Universities, research, tourism, culture, media, communications		employment	Life expectancy	M – 83.7 years F – 87.8 years	M – 75.7 years F – 79.8 years	Case Study : Curitiba, Brazil	Features of sustainable urban living		
Impacts of national and		8.6 million in 2015 Jorreased during industrial revolution, decreased after W/WII			Unemployment	3.9%	9.4%	Water and	Energy efficient lightbulbs in streetlights		
the growth and char of the city	racter	r increased since 1991 Young population in 20s and 30s moving for work. Also pushing			5 GCSEs	80%	62%	energy conservation	 Promote renewable energy by public awareness Energy by products produce electricity 		
of the dity		 up the rate of natural increase Migrants from worldwide Multicultural – current influx from Eastern Europe White British 46%, White other 15%, South Asian 18%, Black 13%, Mixed 5% and other 3% 			Earn less than £15000 a year	9%	26%		Biodiesel buses84% of energy from HEP		
					Earn more than £60,000 a year	26%	7%		 Water metres installed Separate pipes for drinking water and rainwater collection 		
Key terms	Defini	tion		Environmental	Air pollution causes 4000 deaths a year		Waste	Green exchange - swop waste for food or bus tickets			
Brownfield site	Land t	hat has been used, abandoned and	now awaits some new use	dereliction	Trying to cycle superhighways (currently 15% cycling) 20,000 new homes (London's population increasing by 100,000 a year). Severe howing choctages			recycling •	 Recycling centre built from recycled materials Converted buses used for services and education 		
Dereliction	Aband	oned buildings and wasteland		Building on brownfield /					Mobile market sells blemished foods 120 000 toppes waste split into organic and inorganic		
Greenfield site	A plot	A plot of land that has not yet been subject to any building development		greenfield sites	Brownfield sites	- old industry needs	demolishing, less		 If own old building and can't restore it can trade it 		
Inequalities	Differences between poverty and wealth as well as in peoples' wellbeing and access to services			urban sprawi, public transport there, land expensive, can improve environment • Greenfield sites – poor public transport, increases urban			Creating	Development of 28 parks – 21 million m ²			
Integrated transport systems	When different transport systems connect together making journeys smoother and public transport more appealing			sprawl, loss of countryside, loss of habitats			green spaces	 Cycle paths 1.5 million trees planted reducing risk of flooding 			
Rural urban fringe	Zone of transition between the built up area and the countryside		Waste disposal 25% to landfill causing methane. Target is 0% by 2030		et is 0% by 2030	 How urban transport strategies are used to reduce traffic congestion Curitiba – Integrated bi-articulate buses. 5 main routes. Interlink.20,000 passengers an hour. 1 a minute. 1.5 million passengers a year. Also 2 airports. 62 miles cycle lanes Freiburg – 400km cycle paths, 9000 bike parking spaces, 30km tram network connected to 168km bus routes Singapore – restrict entry to city, electronic pricing system, high petrol prices, quota for new cars, car sharing schemes. overhead railway. efficient 					
Social deprivation	The degree to which an individual or an area is deprived of services, decent housing, adequate income and local employment		Impact of urban sprawl on rural urban fringe and	an Greenbelt land designated in 1947 at risk of development al Now urban sprawl has shifted to commuter settlements outside the greenbelt New housing estates and business parks encroach into surrounding countryside							
Urban greening	The process of increasing and preserving open space such as public parks and gardens		growth of commuter villages								
Urban regeneration	ation The revival of old parts of the built up area by renewal or redevelopment										
Urban sprawl	Unplanned growth of urban areas into the surrounding countryside							bus network	, electronic control f traffic systems		

What is development?			Variations in the level of development					Human factors affecting uneven development			
Development i	LICs Poorest countries in the world. GNI per capita is low and most citizens		danced bunnies weisping weisping weisping weisping		• Aid	Aid		Trade			
Economic	Economic This is progress in economic growth through levels of industrialisation and use of technology.		NEEs These countries are getting richer			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		cour cour proj infra	ects for structure faster.		more than they import have a trade surplus. This can
Social	This is an improvement in people's standard of living. For example, clean water and electricity.		as their econ from the pri secondary ir exports lead	as their economy is progressing from the primary industry to the secondary industry. Greater exports leads to better wages.				Aid serv scho road	d can improve rvices such as hools, hospitals and ads.	improv econor • Having relatio	improve the national economy. Having good trade relationships.
Environmental	nvironmental This involves advances in the management and protection of the environment.		HICs These countries are wealthy with a high GNI per capita and standards				 Too much aid might trade link 	much reliance on night stop other e links becoming	 Trading goods and services is more profitable than raw 		
	Measuring development		of living. These countries can spend money on services				esta	blished.		materials.	
These are used to con development.	npare and understand a country's level of		Ca	uses of ur	neven develo	oment		Ed	ucation		Health
E	conomic indictors examples	Deve	lopment is globa	illy uneven	with most HIC	located in Euro	pe, North	Education create skilled workfore	ation creates a ed workforce	• 1	Lack of clean water and poor healthcare
Employment type The proportion of the population working in primary, secondary, tertiary and quaternary industries. Gross Domestic This is the total value of goods and services produced in a country per person, per year. Gross National Income per capita An average of gross national income per person, per year in US dollars. Social indicators examples Social indicators examples		America are in	America and Oceania. Most NEEs are in Asia and South America, whilst most LICs are in Africa. Remember, development can also vary within countries too.			meanin and se produc • Educat	ing more goods ervices are iced. ated people earn	 means a large number of people suffer from diseases. People who are ill 			
		Unit	The Changing Economic				AQA-	mor mea mor	ore money, eaning they also pay ore taxes. This oney can help velop the countres e future.	cannot work so there is little contribution to the economy. More money on healthcare means le spent on	cannot work so there is little contribution to the economy.
			Physical factors affecting uneven development				mon deve the f				
			Natural Resources Natural Hazards				rds				development.
Infant mortality	Infant mortality The number of children who die before reaching 1 per 1000 babies born. Literacy rate The percentage of population over the age of 15 who can read and write.		 Fuel sources such as oil. Minerals and metals for fuel. Availability for timber. Access to safe water. Risk of tectonic hazards. Benefits from volcanic material and floodwater. Frequent hazards undermines redevelopment. 			hazards. Dicanic odwater.	Politics Histor Corruption in local Colonialis Colonialis		History Colonialism has		
Literacy rate						• The stability of the		develop, but slowed down development in			
Life expectancy	The average lifespan of someone born in that country		Climate	- 5	2	Location/Terr	ain 🥸	gove effe	ernment can ct the country's	•	many other countries. Countries that went
	Mixed indicators	•	Reliability of rainfall to benefit farming.		•	Landlocked countries n find trade difficulties	ntries may Ilties.	ahili	Consequences of Uneven Development		lopment
Human Development Index (HDI) A number that uses life expectancy, education level and income per person.		Extreme climates limit industry and affects health. Climate can attract tourists. Mountainous terrain makes farming difficult. Scenery attracts tourists.			Levels of development are different in different countries. This uneven development has consequences for countries, especially in wealth, health and migration.						
		ographic Trans	ition Model	465.3	STACE 2	STACE 4	STACES	Wealth	People in more de incomes than less	eveloped co developed	untries have higher countries.
The demographic transition model (DT shows population ch over time. It studies	TM) inge now	HI H	igh DR Br igh BR De	R Low clining DR	Rapidly falling DR	Low DR Low BR	Slowly Falling DR	Health	Better healthcare developed countr developed countr	means that ies live long ies.	people in more er than those in less
birth rate and death affect the total	trate	S S	teady Ve	ry High	High	Zero	Negative	Migration	If nearby countrie development or a	es have high are secure,	er levels of people will move to

Key Vocabulary

- **NEE** Newly emerging economy
- **LIC** Low income country
- **HIC** High income country
- Employment Structure % of workers in each industrial sector
- **Primary Industry** extraction of raw materials (agriculture, mining, fishing)
- Secondary Industry-manufacturing of raw materials (food processing, clothes, oil refinery)
- Tertiary Industry selling of services and . skills (education, health service, transportation)
- Quaternary Industry information and ٠ research services (ICT, computing, research, consultancy)
- Pre-Industrial UK before the 1800s (mainly ٠ primary industry)
- Industrial UK Late 1800s 1950s (mainly ٠ secondary industry)
- Post Industrial UK 1950s onwards ٠ (secondary industry declines, mainly tertiary and quaternary industry)
- ٠ Industrialisation – Process of moving towards a mainly secondary (manufacturing) economy
- De-Industrialisation Process of decline in • manufacturing industry
- Science Park designated areas for research . and cutting edge technology development

UK links to other countries:

Trade: UK overseas exports are worth £250Bn per year

Culture: Media and creative industries exported worldwide

Transport: Channel Tunnel, Heathrow = hub airport Electronic Communications: Global IT HQs, trans-Atlantic communication networks

Case Study: Economic Development in Nigeria

Location & Importance

Nigeria is a NEE in West Africa. Nigeria is just north of the Equator and experiences a range of environments. Nigeria is the most populous and economically powerful country in Africa. Economic growth has been base on oil exports.

80% of forest have been cut down.

This also increases CO² emissions.

Influences upon Nig	eria's development	Causes of Economic Change Towards Post-In				
Political Suffered instability with a civil war between 1967-1970. From 1999, the country become stable with free and fair elections. Stability has encouraged global investment from China and USA	Social Nigeria is a multi-cultural, multi- faith society. Although mostly a strength, diversity has caused regional conflicts from groups such as the Boko Haram terrorist	De-industrialisation and the decline of the UK's industrial base. Globalisation has meant many industries have moved overseas, where labour costs are lower. Government investing in supporting vital businesses.	The quaternary industri increased, whilst secon decreased. Numbers in primary an industry has stayed the Big increase in professi technical jobs.			
Cultural	Industrial Structures	Cambridge Science Park				
Nigeria's diversity has created rich and varied artistic culture . The country has a rich music , literacy and film industry (i.e. Nollywood). A successful national football side.	Once mainly based on agriculture, 50% of its economy is now manufacturing and services. A thriving manufacturing industry is increasing foreign investment and employment opportunities.	A major quaternary industry on the outskirts. Good transport access to the A14 and M11. A good location for sourcing highly educated workers from Cambridge University. Staff benefit from attractive working conditions. Attracts clusters of related high-tech businesses.				
The role of TNCs	Changing Relationshins	Change to a Rural Landscape - South Cambridgeshi				
TNCs such as Shell have played an	Nigeria plays a leading role with	Cambridge is one of the fastest growing cities in the UK. population is 155,000 but will increase to 175,000 by 2				
+ Investment has increased	Growing links with China with	Social	Economic			
employment and income. - Profits move to HICs. - Many oil spills have damaged fragile environments.	huge investment in infrastructure . Main import includes petrol from the EU, cars from Brazil and phones from China.	Rising house prices have caused tensions in villages. Villages are unpopulated during the day causing loss of identity.	Lack of affordable hou local first time buyers. Sales of farmland has i rural unemployment. Influx of poor migrants pressures on local serv			
Environmental Impacts	Aid & Debt relief	Resentment towards poor migrant communities.				
The 2008/09 oil spills devastated swamps and its ecosystems. Industry has caused toxic chemicals to be discharged in open	+ Receives \$5billion per year in aid. + Aid groups (ActionAid) have improved health centres, provided anti-mosquito nets and helped to	Improvements to Transport	UK North/South - Wages are lower in th - Health is better in the			

Effects of Economic Development

- Some aid fails to reach the people

who need it due to corruption.

Life expectancy has increased from 46 to 53 years. 64% have access to safe water. Typical schooling years has increased from 7 to 9.

Case Study: Economic Change in the UK

UK in the Wider World

The UK has one of the largest economies in the world. The UK has huge political, economic and cultural influences. The UK is highly regarded for its fairness and tolerance. The UK has global transport links i.e. Heathrow and the Eurostar.

connections between key UK cities. £18 billion on Heathrow's

controversial third runway.

UK has many large ports for

importing and exporting goods.

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Current 2026.

Joelal	Leonomie				
Rising house prices have caused tensions in villages. Villages are unpopulated during the day causing loss of identity. Resentment towards poor migrant communities.	Lack of affordable housing for local first time buyers. Sales of farmland has increased rural unemployment. Influx of poor migrants puts pressures on local services.				
Improvements to Transport	UK North/South Divide				
A £15 billion 'Road Improvement Strategy '. This will involve 10 new roads and 1,600 extra lanes. £50 billion H52 railway to improve	 Wages are lower in the North. Health is better in the South. Education is worse in the North. The government is aiming to 				

+ The government is aiming to support a Northern Powerhouse project to resolve regional differences. + More devolving of powers to disadvantaged regions.

Knowledge Organiser: Year 11 Geography 1B Resource Management Part 1					Water			
The s	gnificance of food, water and energy to economic and social well being	The changi	ng demand and provision of resources in the UK create opportunities and challenges	Changing demand for wa	Increasing wealth Hygiene Demand for out of season food			
Key for h standard	uman wellbeing. All lead to social and economic benefits which all increase the of living	Key terms	Definitions		Increasing industrial use Increased domestic use Increased domestic use			
Food	Calories provide energy	Agribusiness	Application of business skills to agriculture		 Increased use in domestic properties since 1975 by 70% 			
:	Availability depends on climate, soil and level of technology Malnourishment means disease and death. Can also lead to underperforming at school which decreases economic wellbeing in life	Carbon footprint	A measurement of all the greenhouse gases we individually produce	Water quality and pollution management	 Water quality is managed by legislation, education campaigns, waste eater treatment, building better 			
	 More than 1 billion people are malnourished 2 billion are undernourished (poor diet) 	Energy mix	The range of energy sources of a region or country		green roofs and walls			
	Obesity is an issue in some areas	Food miles	The distance covered supplying food to consumers		 Key pollutants are fertilisers, pesticides, heavy metals and acid rain 			
Water	Used for survival, washing, food production, industry	Fossil fuels	A natural fuel formed in the geological past from the remains of living organisms	Matching supply and	Highest population is in the South East (area of deficit) and			
Energy	We need clean safe water otherwise we can get stuck in a cycle of poverty Traditionally we get energy from oil, coal and wood Many different sources	Local food sourcing	A method of food production and distribution that is local	demand – areas of deficit and surplus	t highest rainfall is in the north and west (water surplus) 80% of Southern England relies on groundwater. 50% are affected by water quality			
	Used for production, heating, transport and for water supply (e.g. wells)	Organic produce	Food produced using environmentally and animal friendly farming methods on organic farms	Need for transfer to	Lake Vyrnwy scheme moves water from Wales to Liverpool. Wales – sparsely populated with excess supply. Liverpool –			
An over	view of global inequalities in the supply and consumption of resources		Food		densely populated with water surplus.			
Food	 UK consume 3200 calories per person per day Somalia 1580 calories per person per day Areas of greatest population growth have highest levels of undernourishment Demand depends on changing diets and increasing population 	The growing demand for high value food exports from LICs and all	Used to be seasonally and locally sourced. Now eat globally sourced foods all year In 2013 47% of UK food was imported More disposable income and increased demand for greater choice		 built a dam and leservoir and transported the water via pipeline 68 miles. Had positive and negative impacts including loss of homes (37 homes and 10 farms), recreational area, 10 deaths during construction, reliable supply of water for Liverpool 			
	Supply depends on climate, soil and level of technology	year demands for seasonal	 Can't grow all foods in the UK and foods can only be grown at certain times 		Energy			
Water	 Fresh water is unequally distributed Water footprint is the amount of water used per day Global average is 1240 l per day Bangladesh is 896 l per day USA is 2483 l per day Water scarcity can be physical or economic 1 in 5 (more than 1.2 billion people) live in areas of water scarcity 1 in 3 (2.4 billion people) have no access to clean drinking water 	food and organic produce	 High value products are five times the price of similar products e.g. Madagascan vanilla, gourmet coffee Positive impacts : Jobs and wages for those in LICs, more tax income leads to a better quality of life Negative impacts – less land for locals, high water use and exposure to chemicals Organic – no pesticides or fertilisers used. Since the 1990s there has been an increase in demand. Worth £2 billion a year 	The changing UK energy mix – • reliance on fossil • fuels and the • growing • significance of In renewable energy •	K Energy mix in 2015 : Coal 31% Gas 25% Nuclear 19% Renewable sources 22% 1970 91% was from coal and oil UK investing in renewable energy e.g. solar energy and subsidies given by the government			
Energy	 Richest billion people use 50% of the energy Poorest billion people use 4% of the energy Countries import and export energy Some countries do not have their own sources of energy 	Larger carbon footprints due to the increased number of food miles travelled	 Grown more cheaply elsewhere Production and transport lead to carbon footprint 17% of the UK's carbon footprint is due to food Tomatoes have less of a carbon footprint being grown in Spain and imported to the UK than if we grew them in the UK Food miles travelled by UK food imports is 18.8 billion. 68% of food imported is from within the EU, 32% from the rest of the world 	Decreasing domestic supply of oil, coal and gas	Shale gas most recent focus In 1980 North Sea oil and gas was discovered Now have decreasing reserves of fossil fuels EU regulations on emissions has meant decrease in fossil fuel use 12% less energy being used in homes since 1970 and 60% less in industry due to energy efficiency, public awareness and increasing costs			
	Registered Real Print Conference on Conferen	A trend towards agribusiness	 Push now for buying local and having an allotment Agribusiness is a farm run as a business with the main aim being profit Big impacts on the environment as often heavy use of pesticides and fertilizers East Anglia has a lot of agribusinesses 	Economic and • environmental • issues associated with the • exploitation of • resources	Cheaper to import coal into the UK than to mine it Nuclear sites being decommissioned and all current plants will close 2023 – issues of contamination and disposal of nuclear waste Economic issues – coasts, jobs, set up costs, research, reliability Environmental costs – ecosystems, waste, noise, aesthetics, emission pollution, radiation leaks			