

https://ahrnow.com https://ahrnow.com/img/carousel/AHRStory.pdf

larry.danberger@nubium.com











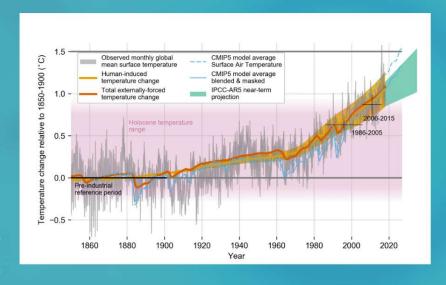
IS GLOBAL **WARMING REAL?**

ACCORDING TO GROUPS SUCH AS IPCC AND A **GREAT NUMBER OF SCIENTISTS, YES.**

THIS CHART FROM IPCC SHOWS THE TEMPERATURE INCREASES CALCULATED AND MEASURED.

BUT NOT ALL PEOPLE BELIEVE THE ANALYSIS, SO WE NEED MORE 'PROOF'...

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CONTACT CALC TCO2E



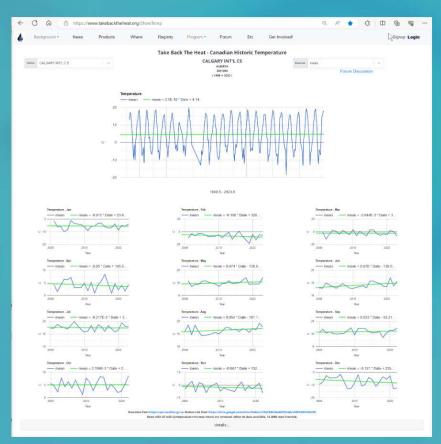
WHAT DOES RAW DATA SHOW?

CANADIAN STATION RAW DATA (WEATHER.GC.CA) FROM RURAL AND URBAN AREAS GENERALLY SHOW THE MEAN OVER TIME IS INCREASING.

USE THE SOURCE LINK TO TRY OTHER STATIONS, OR FIND A TEMPERATURE HISTORY SOURCE FOR OTHER COUNTRIES, YOU WILL SEE SIMILAR TRENDING.

WHAT IS THE CAUSE?...

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CA

GREENHOUSE GAS **EFFECT**

WHAT IS THE CAUSE OF RISING **TEMPERATURE?**

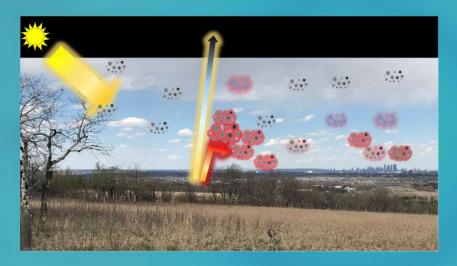
MAJORITY OF SCIENTISTS BELIEVE AN INCREASE IN CERTAIN GASES IN THE ATMOSPHERE ARE 'TRAPPING' HEAT, PREVENTING IT FROM ESCAPING TO SPACE.

'IT IS THE BEST THEORY WE HAVE TO DATE' AS ONE EXPERT PUT IT.

THE ENERGY BALANCE (BUDGET) HAS SHIFTED AS HUMAN ACTIVITIES RESULTED IN **INCREASES IN CO2E, TRAPPING HEAT.**

WHAT IS THE EARTH ENERGY BUDGET?...

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EARTH BUDGET

INCOMING RADIATION (HEAT) IS ROUGHLY EQUAL TO WHAT IS ABSORBED PLUS WHAT IS RADIATED BACK OUT TO SPACE.

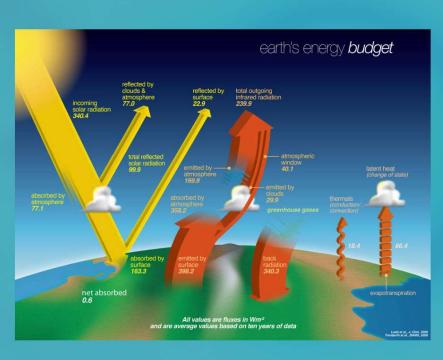
INCREASE IN HUMAN ACTIVITY INCREASES
THE GREENHOUSE GAS EFFECT WHICH
RETAINS ADDITIONAL ENERGY.

HOW CAN AHR HELP?...

image

0 0 0 0 0 0 0 0 0

Source: NASA





HOW AHR WORKS

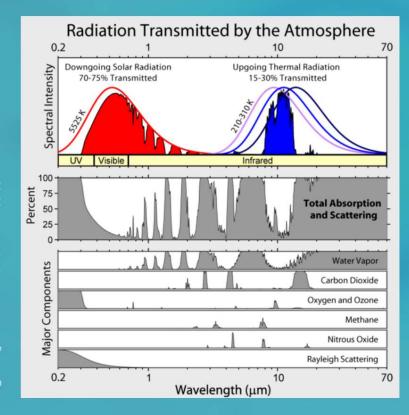
RADIATED SOLAR ENERGY ARRIVES (DOWNGOING), SOME IS TRANSMITTED (UPGOING) AT INFRARED WAVELENGTHS WHICH CAN BE TRAPPED.

VARIOUS GREENHOUSE GASES ABSORB AND RETRANSMIT RADIATED ENERGY ('HEAT'), PREVENTING IT FROM LEAVING THE ATMOSPHERE. EACH GAS HAS UNIQUE CHARACTERISTICS AND ABSORBS RADIATION BASED ON THE WAVELENGTH OF THE ENERGY.

AHR EQUIPMENT RETRANSMIT THE ENERGY AS VISIBLE LIGHT, WHICH IS NOT TRAPPED BY **GHGS SO REACHES SPACE, RESTORING** BALANCE.

ANTICIPATED IMPACT?...

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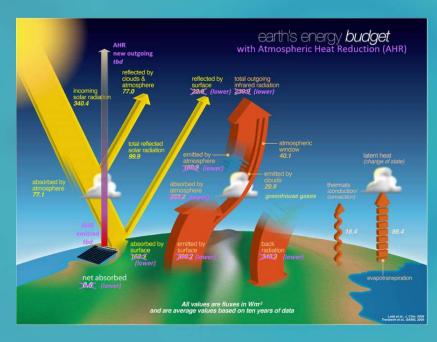
EARTH BUDGET WITH AHR

MARKUP SHOWS WHERE AHR FITS IN AND WILL IMPACT THE BUDGET.

BY TRANSMITTING RECEIVED ENERGY TO SPACE INSTEAD OF IT BEING AVAILABLE FOR **GREENHOUSE GASES TO CAPTURE, THE GLOBAL WARMING EFFECT IS REDUCED.**

BY HOW MUCH?...

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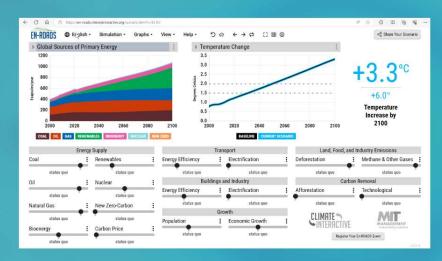
IMPACT

AHR IMPLEMENTED GLOBALLY COULD RESULT IN A 1°C REDUCTION BY 2100.

COMPARE THIS WITH OTHER SOLUTION COMPONENT IMPACTS USING TOOLS SUCH AS **EN-ROADS TO UNDERSTAND THAT THIS IS** NOT A SMALL AMOUNT.

AT WHAT COST?...

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COST BALLPARK

INDIVIDUALS NOT READY FOR DIY CAN GET **INVOLVED STARTING AT 1 TONNE CO2E EQUIVALENT FOR LESS THAN \$100 CDN PER** YEAR REQUIRING NO COMMITMENT NOR EQUIPMENT.

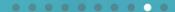
INDUSTRIAL IMPLEMENTATIONS CAN BE SCALED AS BUDGET ALLOWS, FOR EXAMPLE SHOWN ARE TWO COMPARISONS, 7 **THOUSAND AND 1 MILLION CARBON CREDIT EQUIVALENTS (TCO2E) PER YEAR.**

WITH AHR EQUIPMENT, SUBSEQUENT YEARS ARE MAINTENANCE ONLY, COMPARED TO THE **NEED TO REPURCHASE CARBON CREDITS** ANNUALLY.

NEXT STEPS?...

		Current		Current	Pro	posed AHR	Pr	oposed AHR
Year	tCO2e	Credit Price		Credit Cost		Cost		Savings
1	7,000	50	\$	350,000	\$	900,000	\$	(550,000)
2	7,000	65	\$	455,000	\$	90,000	\$	365,000
3	7,000	80	\$	560,000	\$	90,000	\$	470,000
4	7,000	95	\$	665,000	\$	90,000	\$	575,000
5	7,000	110	\$	770,000	\$	90,000	\$	680,000
6	7,000	125	\$	875,000	\$	90,000	\$	785,000
7	7,000	140	\$	980,000	\$	90,000	\$	890,000
8	7,000	155	\$	1,085,000	\$	90,000	\$	995,000
9	7,000	170	\$	1,190,000	\$	90,000	\$	1,100,000
10	7,000	170	\$	1,190,000	\$	90,000	\$	1,100,000
Total:	70,000		\$	8,120,000	\$	1,710,000	\$	6,410,000
avg per tCO		\$	116	\$	24			
Total savings over 10 years for 7,000 annual tCO2e:						\$	6,410,000	

		Current	Current		Proposed AHR		Proposed AHR	
Year	tCO2e	Credit Price		Credit Cost		Cost		Savings
1	1,000,000	50	\$	50,000,000	\$	52,200,000	\$	(2,200,000)
2	1,000,000	65	\$	65,000,000	\$	5,220,000	\$	59,780,000
3	1,000,000	80	\$	80,000,000	\$	5,220,000	\$	74,780,000
4	1,000,000	95	\$	95,000,000	\$	5,220,000	\$	89,780,000
5	1,000,000	110	\$	110,000,000	\$	5,220,000	\$	104,780,000
6	1,000,000	125	\$	125,000,000	\$	5,220,000	\$	119,780,000
7	1,000,000	140	\$	140,000,000	\$	5,220,000	\$	134,780,000
8	1,000,000	155	\$	155,000,000	\$	5,220,000	\$	149,780,000
9	1,000,000	170	\$	170,000,000	\$	5,220,000	\$	164,780,000
10	1,000,000	170	\$	170,000,000	\$	5,220,000	\$	164,780,000
Total:	10,000,000		\$:	1,160,000,000	\$	99,180,000	\$	1,060,820,000
avg per tCO2e:			\$	116	\$	10		
Total savings over 10 years for 1 million annual tCO2e: \$ 1,060,820,000								



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NEXT STEPS

DOWNLOAD THE PAPER BELOW, LET'S TALK!

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Further Reading: AHR Story.pd

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