# THE FUTURES OF WOMEN



Budapest, February 28, 2018

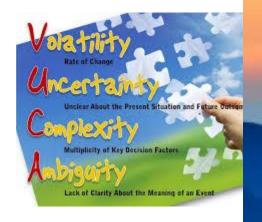
#### **IMAGINE 2050:**

The Women's Channel Online ... February 28, 2050

The Anthropogens Research and Innovation
Development Corporation announces the First
Nanotech Implant for Artificial Utero Oxygenation.
The implant which forms part of the biotechnology
portfolio of the company will allow men to be able to
carry babies to term in an 'artificial uterus' implanted
in their stomach cavity.



#### **FUTURE SHOCK**



Future shock is the shattering stress and disorientation that we induce in individuals by subjecting them to too much change in too short a time.













Climate Collapse & Human Extinc 203

#### **FUTURE SENSE ... 5 QUESTIONS**

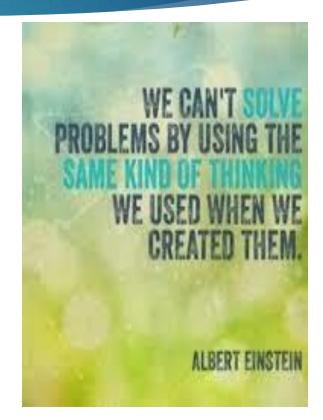
- ASK
- WHAT MIGHT THE FUTURE LOOK LIKE?
- ASK
- WHERE ARE WE NOW?
- ASK
- WHAT IS DRIVING THE FUTURE?
- ASK
- WHAT IS THE FUTURE WE WANT?
- ASK
- HOW DO WE CREATE THE FUTURE WE WANT?



#### **FUTURE SENSE**

# Ask Big Questions of the Future?

- Will the problem we solve today be a problem in the future?
- Who are future women and girls?
- What kind of world will they live in?
- What problems might they have?





# WHAT MIGHT .... THE FUTURE LOOK LIKE?

"THE EMPIRES OF THE FUTURE ARE THE EMPIRES OF THE MIND."

WINSTON CHURCHILL



#### **IMAGINE 2040:**

Global News Network, February 29, 2040

#### First Human Babies born on The Moon...

Citizen Cosmonaut and Astrobiologist Dr. Kendra Lowers gave birth to triplets today in Lunarville – the Space Heritage site on the Moon. Lowers who was one of ten women who signed up to be living experiments on impact of gravity of child bearing is said to be doing well. The children were bon by C-section. In other news Lowers work has led to the development of entomo-protein for delivery in MREs for travel to MARS slated for 2042.



#### **IMAGINE 2030:**

- Global News Network, March 1st, 2030
- Women in Political Office at all time high in the world.
- In a study undertaken by UN WOMEN and the World Economic Forum, reveals that over 100 countries now use the Progress Parity Indicator which measures the level of inequality in a country based on gender and ethnicity. IN addition the political inclusion index registers at 0.8 meaning 80 percent of all the national parliaments now have between 40 and 60 percent women elected to office.





"THE FUTURE IS BURIED IN THE LANDSCAPE OF BOTH PAST AND PRESENT."

**CLAIRE NELSON** 



#### **WOMAN IN THE FUTURE**

**Ferdinand August Bebel** (22 February 1840 – 13 August 1913) German socialist politician, writer, and orator. Co-founder, <u>Social Democratic Workers' Party of Germany</u>

"The woman of the future society is socially and economically independent, she is no longer subjected to even a vestige of domination or exploitation, she is free and on a par with man and mistress of her destiny. Her education is the same as that enjoyed by men, with the exception of some modifications demanded by differences of sex and sexual functions. Living in natural conditions, she is able to develop and exercise her physical and mental powers and faculties according to her requirements. She chooses her occupation in such a field as corresponds with her wishes, inclinations and talents, and enjoys working conditions identical to those of men. Even if she is engaged in some trade for some hours she may spend another part of the day working as an educator, teacher or nurse, and devote a third part of the day to some art, or the study of some branch of science, and set aside yet another part of the day to some administrative function. She joins in studies and work, enjoys diversions and entertainment with other women or with men as she pleases and as occasion allows."

# FUTURES OF WOMEN 2015 (1995 SCENARIOS)

Pamela McCorduck & Nancy Ramsey

**Worldwide Backlash -** that puts even Western women behind veils.

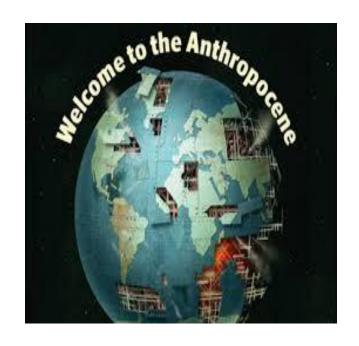
**Two Step (Two Steps Forward, Two Steps Back) -** that preserves the status quo.

**Separate and Doing Fine, Thanks -** world of gender separation where women choose to live their lives in women's communities, both formal and informal.

**Golden Age -** of gender equality which benefits women and men alike.

#### THE AGE OF THE ANTHROPOCENE

- What does it mean to be human?
- What is the future?
- What does it mean to be a woman or a man?
- How far is the future?
- What should we carry forward?
- What should we leave behind?





# THE FUTURE IS FEMALE - #METOO #EQUALPAY #BLACKGIRLMAGIC

Media is raging with arguments about pay gaps, harassment, sexploitation, rape culture, gender fluidity, transgender equality, gender-neutral language, the place of women in Silicon Valley, need for creative women and girls in STEM, need for better childcare, end to genital mutilation, abortion rights, girls in schools.

is Female

# WHAT IS DRIVING THE FUTURE?

"All that you touch, You Change.

All that you Change, Changes you.

The only lasting truth is Change, God is Change."

Octavia Butler



#### THE BIG HARBINGERS OF CHANGE

- The Flow to Global. We are becoming citizens of a global community and not individual countries.
- > The Flow to the Individual. Power is shifting from large groups (government and institutions) to the individual.
- Electronic Accelerating Connectedness. Approximately 90 percent of the global population has a cell phone and more than a billion people use the internet.
- Increasing Global Governance and Social Disparity. Increasing demand for planetary stewardship in an age of planetary climate shifts and seeming scarcity

#### **TEN KEY TRENDS driving business**

1.	Continuing increase in E-GOVERNMENT
2.	Increased Branding , Status Recognition and Celebrity Differentiation
3.	Collaborative Creativity and Problem Solving
4.	Demographic Shifts (age & place)
<b>5</b> .	Information Technology Getting Faster and Smaller
6.	Search Technology Getting More Complex
7.	Convergence and Increasing Complexity of InfoTech, BioTech, NanoTech and NeuroTech
8.	Increasing Need for Global Rules & Systems
9.	Shift from Product Based to Experience Based Economy
10.	Increasing Time Pressure & Desire for Meaning

#### TEN JOBS OF THE NEAR FUTURE

- Avatar Manager
- Solar Energy Micro-Grid Manager
- Grey Water Micro Systems Technician
- Digital Currency & Barter Trade Regulator
- Cyber Security War Games Police
- Social Network Game Coach
- Manufactured Meat Processor
- ▶ 3-D Print Shop Re-Work Processor
- Virtual Life MidWivery
- Body Parts Farmer



#### POLITICAL

1. INCREASING ROLE IN LEADERSHIP

2. RISING INSECURITY

3. INCREASING
INCIDENCE FAKE
NEWS & SOCIAL
UNREST





INCREASING FORMAL UNEMPLOYMENT AND EMPLOYMENT IN THE INFORMAL ECONOMY.

DECLINE OF USE OF GROSS DOMESTIC PRODUCT (GDP) AS MEASURE OF WEALTH AND INCREASING ATTENTION TO ALTERNATIVES TO GROWTH AS AN ECONOMIC MEME MEASURE

INCREASING ATTENTION TO INEQUALITY AND OPPORTUNITY CREATION

#### SOCIAL

1. RISING NEED FOR AGED CARE SERVICES

2. INCREASE IN OLDER WORKFORCE IN USA

3. INCREASING
CONSERVATIVE
BACKLASH ON
WOMEN'S RIGHTS



#### HEALTH

1. RISE IN CHRONIC NCDS IN AFRICA

2. THE RISE OF THE MICROBIOME IN MEDICINE

3. INCREASING
DEPRESSION GLOBALLY, ESPECIALLY IN
WOMEN

## ENVIRON-NENTAL

 DECREASING ATTENTION
 TO CLIMATE CHANGE BY
 CONSERVATIVE ELITE

2. INCREASING CLIMATE EVENTS AND CATASTROPHES

3. INCREASING ATTENTION
TO THE OCEAN
CONTAMINATION AND
IMPROVEMENTS IN NEED
FOR SOLID WASTE
MANAGEMENT
ESPECIALLY PLASTIC

## TECHNO-LOGICAL

- INCREASING PENETRA<mark>TION

  OF MOBILE TECHNOLOGIES

  IN AFRICA</mark>
- INCREASING ADOPTION OF ARTIFICIAL INTELLIGENCE (AI) AND ICT ACROSS ALL SECTORS AND SOCIETIES
- 3. ASCENT OF RENEWABLE ENERGY ADOPTION OWING TO THE RISE OF BATTERY LONGEVITY, CHARGING SPEED, EFFICIENCY AND INFRASTRUCTURE



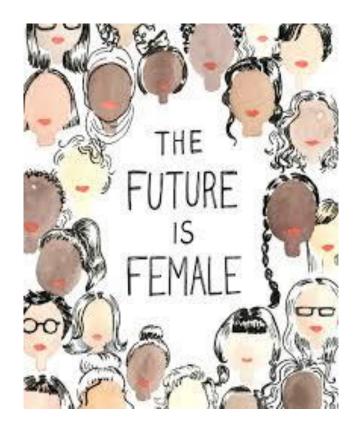
## CHALLENGES IN DEVELOPING COUNTRIES

- Access to water women still have to spend too much time to collect water
- Access to energy women still have responsibility to gather fuel for cooking
- Access to time greater sharing of household tasks between men and women.
- Access to education especially secondary and tertiary levels to increase access to political and economic power.
- Access to finance enabling women to participate more fully in the cash economy, including as businesswomen and micro and small entrepreneurs

#### THE FUTURE IS FEMALE 2017

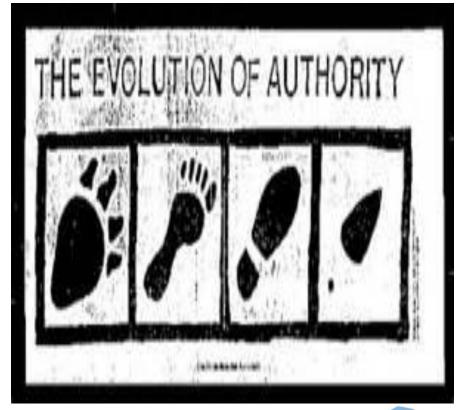
"To echo the late Martin Luther King, Jr., we see a trend toward a future in which people will be judged by the content of their character rather than the makeup of their chromosomes. And that future may not be terribly far off."

Marianne Hurstel, Global Chief Strategy Officer, HAVAS GROUP





- 32-nation survey > 12000 people
- measure how far gender equality has come in an era when women in most parts of the world are able to do things once considered the province of men, including work outside the home, earn high school and college degrees, vote, own property, and hold elected office.





- You don't have to identify as a feminist to support women's equality.
- Less than a third of women (31%) and 17% of men surveyed consider themselves feminists but basic tenets of the women's movement are now deeply ingrained in the public mindset.
- Strong majorities of those surveyed (84% of men and 91% of women) agree that men and women who do the same job should be paid the same. Only 5% of men and 3% of women disagreed.
- Moreover, both sexes were more likely to agree than disagree that the world would be a better place if more women were in positions of power-- majority (52% of men and 64% of women) said they would like to see more women hold executive positions.



#### Men no longer rule the roost.

- Long way from true gender equality in the workplace and political sphere (nearly half our sample agreed that women today have rights but no real power)
- Things have progressed more rapidly on the home front, where men not too long ago were automatically considered "head of household"
- Less than a third of men surveyed (31%) and a quarter of women (24%) agreed that male-female relationships work better when the man is the dominant partner -- 30% of men and 26% of women believe relationships work better when the male earns more than his female partner



- Not everyone is on board the equality train.
- A third of men and nearly a quarter of women (23%) believe feminism had done more harm than good. This attitude is more prevalent in emerging (33%) than developed (24%) markets.
- Further, nearly a quarter of both men and women believe that women's emancipation has caused men to fall behind.
- ▶ 4 in 10 women (and 28% of men) say they're seeing a lot more anger expressed toward women these days. This anger may be especially prevalent online: Agreement on this statement came from 35% of those who use social media, compared with 27% of those who don't.



- Gender distinctions are fading (Ranking 25 attributes).
- 75% of both men and women believe the two sexes are equally valuable to society
- ▶ 69% of men and 71% of women believe the sexes are equally smart
- ▶ 64% of men and 68% of women believe the sexes are equally intellectual
- 63% of both men and women believe the sexes are equally trustworthy
- 61% believe the sexes are equally hardworking
- 57% believe the sexes are equally creative/innovative
- > 55% of men and 54% of women) believe parenting comes more naturally to women than to men

- Many signs point to an agendered future.
- A majority of women (52%) and 44% of men surveyed agreed: "I do not believe in set genders; gender is fluid, and everyone can be what they feel they are."
- ▶ 61% of women and 46% of men believe children should be raised in as gender neutral a way as possible so as to avoid rigid gender restrictions.
- ▶ 39% of women and 54% of men would prefer to see girls and boys raised with gender-specific clothing, toys, etc.
- In developed markets, only 52% believe "a man should be masculine," and 48% believe "a woman should be feminine."



#### IMPACT OF ALON LIFE IN 2030

- ▶ 1. Automated Transportation
- 2. Cyborg Technology
- 3. Taking over dangerous jobs
- ▶ 4. Solving climate change
- 5. Robot as friends
- 6. Improved elder care



#### Future of work IN AI

Only 13.5 percent of those working in machine learning are female. (2017). Three major new Al policy and advocacy groups since 2016 headed by women.

1) Partnership for AI, consortium made up of Apple, Facebook, & Microsoft.

The goal of Partnership for AI is to "advance public understanding of artificial intelligence technologies (AI) and formulate best practices on the challenges and opportunities within the field."

#### 2) Al Now, research institute at NYU.

One of the group's main focuses is to ensure that the engineers making AI algorithms are working closely with the people who will use them. In the case of a medical application, e.g. ensure doctors are consulted as part of the research.

3) Al4ALL, nonprofit puts on summer programs at Stanford and UC Berkeley

To teach AI to diverse groups of high school students-- focusing on teaching female, minority, and low-income students, and its board is 50 percent men.

#### THE FUTURE OF WORK

- In order to remain relevant in the new world of work, we'll need to lean in to the skills that make us most human.
- Occupations that place a premium on interpersonal skills, like those in the healthcare field, will see growth.

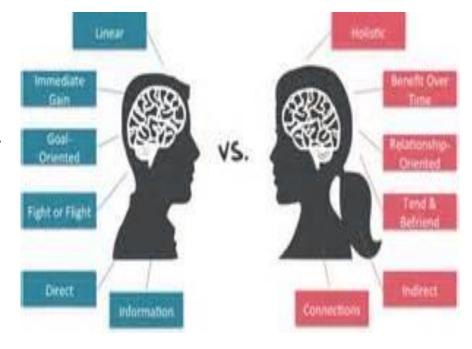
"Humans are going to find meaningful work if they can do the things that machines can't do well, and that's higher-order thinking—critical, creative, innovative, imaginative thinking."

Ed Hess, Professor of Business Administration University of Virginia.



#### THE FUTURE OF WORK

- Studies of emotional intelligence have shown that women have a distinct El advantage over men. Not only do they score higher (much higher) on El tests, but they score higher on every single subscale of El tests, as well.
- Study after study has shown that women outperform men at understanding, expressing, and perceiving emotions.





# WHAT IS THE FUTURE WE WANT?

"In the future, there will be no female leaders."
There will just be leaders."

- Sheryl Sandberg













































Climate change to push 100m into poverty by 2030

Will Disrupt Agriculture, Spread More Diseases, Says World Bank

















## WHICH EARTH DO YOU WANT TO LIVE IN?



Another world is not only possible, she is on her way. On a quiet day I can hear her breathing.

Arundhati Roy

veganposters.com



#### A SAFE JUST SPACE FOR HUMANITY





# OUR SHARED FUTURE: METRICS MATTER

#### **GOOD JOBS**



Average annual deterioration of 1.0% over 4 years

61% of the labour force has a secure job that pays at least the Living Wage

#### WELLBEING



Average annual improvement of 0.9% over 4 years

Average life satisfaction is 7.6 on a scale of 0-10

#### ENVIRONMENT



Average annual deterioration of 1.8% over 4 years

Carbon emissions are 2% below a limit set to avoid dangerous climate change

#### **FAIRNESS**



Average annual deterioration of 0.8% over 4 years

After tax, average incomes of the top 10% of households are 8.7 times higher than the bottom 10%

#### HEALTH



Average annual improvement of 1.8% over 4 years

23% of deaths in England and Wales could have been avoided through good quality healthcare or public health interventions



# OUR SHARED FUTURE >2030: PLANETARY

**HOW WE SHARE OUR PLANET?** 

**HOW WE SHARE OUR HUMANITY?** 

**HOW WE SHARE OUR RULE BOOK?** 

HOW WE SHARE OUR DECISION MAKING?

30 challenges requiring global commitment and collaboration



## FUTURE WE WANT – METRICS MATTER

- Genuine Progress Indicator aims to correct GDP by adding up economic activity, and then subtracting negative spending.
- Human Development Index measure what citizens can do, not just what they own.
- Happy Planet Index takes a slightly different approach, and combines environmental footprint information with wellbeing reporting and life expectancy.
- Measure of Domestic Progress includes economic progress, environmental costs, resource depletion and social factors.
- Index of Sustainable Economic Welfare similar to GPI.
- Social Progress Index includes three dimensions of social progress: Basic Human Needs, Foundations of Wellbeing, and Opportunity









## **5** GENDER EQUALITY





#### SDG 5: GENDER EQUALITY

The goal of SDG 5 is to achieve gender equality and empower all women and girls



#### WHAT?



End discrimination against all women and girls



4 Recognize and value unpaid care and domestic work



2 Eliminate violence against all women and girls



Ensure women's participation and leadership in decision-making



3 Eliminate all harmful practices such as child marriage



Ensure universal access to sexual and reproductive health and rights









#### SPOTLIGHT ON

## LEADERSHIP

Women remain underrepresented in leadership and management level positions in the public and private sectors. While quotas have been implemented to boost women's participation in politics and corporate boards, parity is far from reality.

#### **Politics**

Proportion of women in national parliaments (single or lower house) globally

2000

2017

**13.2%** | **23.4%** 

of countries worldwide have used some form of quota system to increase women's representation in politics.

#### **Management**

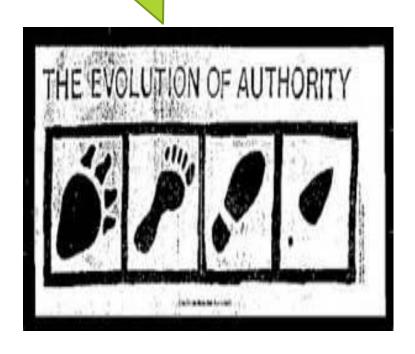
**LESS THAN** 

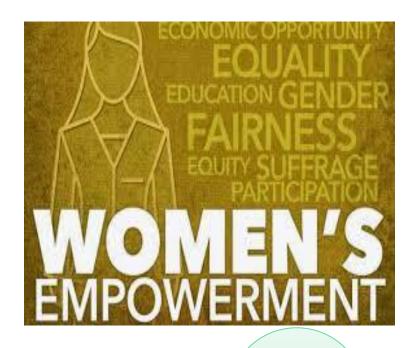
of senior- and middlemanagement positions are held by women.\*

of world business leaders say they are in favor of gender quotas on corporate boards.



<sup>\*</sup>Based on data for 68 countries from 2009 to 2015. Sources: Inter-Parliamentary Union (IPU), www.ipu.org: ILO, 2017; International Business Report, 2015.







# HOW DO WE CREATE THE FUTURE WE WANT?

"You never get anywhere by standing on the sidelines and whining and complaining."

- Shirley Chisholm



#### **FUTURE SENSE**

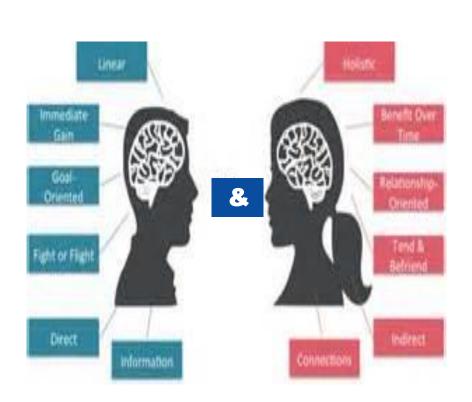


# THE PURSUIT OF INCLUSIVE PROSPERITY

f {PURSUIT OF WHOLENESS}

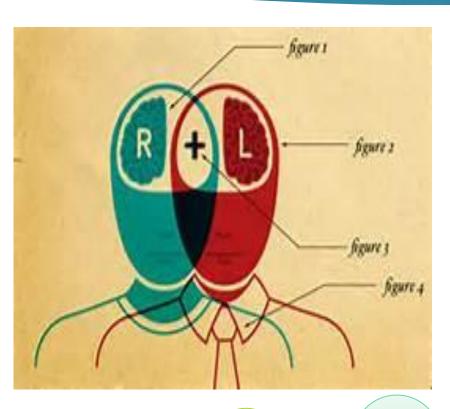


#### PARADIGM SHIFT REQUIRED...









- Wholeness is required to address the complex challenges and create conditions for thrival.
- Wholeness brings more parts of the whole together to co-design a better future.

#### PARADIGM SHIFT

- "Solving the world's biggest problems will mean shifting our institutional mindset from that of the "male archetype"—competitive, risk-taking, controlling—to that of the "female archetype"—flexible, open, distributed.
- The male archetype is really good at managing scarcity: command and control, search and destroy, go, grab, bring it back... the female archetype, is better at dealing with abundance. When the male archetype deals with abundance, it relates to it as power and tries to hoard it. The female archetype meets abundance and shares it around."
- Both men and women can have "female archetype" traits.
- Women tend to excel at the qualities the new world of work the future demands.



### **FUTURE SENSE**

- A THRIVING FUTURE will require us to connect and engage more talents and strengths to collaborate to do more with more at scale.
- A THRIVING FUTURE brings more parts of the whole together to co-design a better future. The more strengths that are connected into the conversation, the more innovation for common good is possible.
- ► A THRIVING FUTURE requires leadership that is engaged intrinsically from the heart to contribute all hands, head and heart for common good; to share, to give and treat other male and female kindly and with respect.

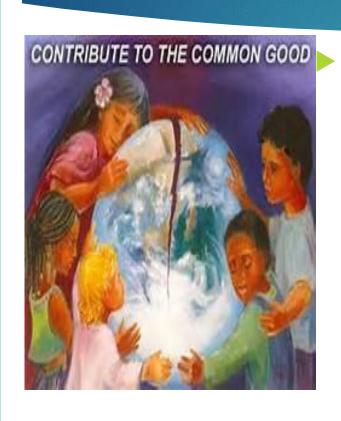






- "Wholeness" is the concept that best embraces "new paradigm" efforts to create a more just, sustainable and wise society. Wholeness is far more than unity.
- Co-intelligence is intelligence that arises out of wholeness and takes wholeness seriously. Co-intelligence can be considered the cognitive and responsive dimension of wholeness.





Wholeness almost always involves the healthy mutuality (synergy) of relationships, a dimension of life that can be neglected by an exclusive focus on the entities involved in those relationships. Whole-system dynamics and structures are often the dynamics and structures of relationships that characterize the whole.

Wholeness often refers to the commonality of story -- that underlie the details of life. Unity and commonality are often overlooked when we focus too much on differences and separateness (although these, too, are part of wholeness!).







**Dynamics** of wholeness are inclusion, creative process, participation and *holescence*.

- Inclusion focuses on the presence of more (or all) parts.
- Creative process focuses on the unfolding patterns of wholeness.
- Participation focuses on the role of the parts in the whole.
- Holescence focuses on how a part embodies the whole or wholeness, itself.



### INCLUSION

The most basic, primitive dynamic of wholeness is the assembling of parts. Are all the pieces present? Is everyone at the table? Who else should be invited? Inclusion is the dynamic that tends towards completeness.

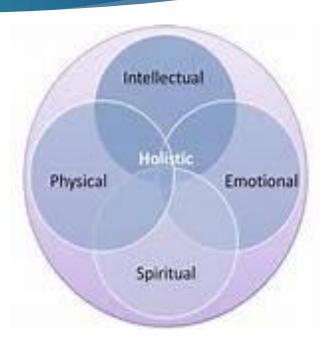
- first order wholeness which embraces everything, including exclusion, dissonance, partiality and fragmentation –
- second-order wholeness which earns its coherence through excluding certain forms of dissonance, fragmentation, illness, etc.





# CREATIVE PROCESS

Face our power-sharing directly, acknowledging it, empowering it, practicing it consciously. Enter the world of co-creativity, co-incarnation, fields and webs of influence, evocation, and membership. Once we inhabit this co-creative world consciously, we can see that things are not so much built or caused, as that conditions are set to encourage their emergence from the fields of probability and influence that are danced into being by an endless ocean of actors and factors, near and far.





### **PARTICIPATION**



In the real world, the whole world, is participatory world, in which we endeavor to practice our conscious, creative agency. Together.. No one is in charge, no one is uninvolved; the included are not spectators or irrelevant.

Participation is the only game in town -- and no one is in the bleachers. We are all crew on Spaceship Earth.



### HOLESCENCE

This is a coined word meaning, literally "the state or process of wholeness" -- the resonance and kinship between whole and part -- in all its manifestations. Whereas participation is an *active* dynamic of wholeness, holescence is an *existential* dynamic of wholeness. The word brings together a wide variety of realities that share a certain "more-ness" that characterizes wholeness. To the extent something is part of a whole, it is "more" than it is separately.





#### SIX TYPES OF 'HOLOSCENCE'

- synergy, in which the part is enhanced by being in a particular whole pattern ("The whole is greater than the sum of its parts.")
- entrainment, in which the part takes the pattern or vibration of the whole into itself and can use it or flow with it more readily
- communion, in which the part merges into the whole and the whole into the part
   part and whole become one
- holography, in which the part contains the whole or some version of the whole (as in holograms or color separations),
- fractals, in which the patterns of the whole appear over and over in its parts, at different scales of observation (as in ferns, although I am less sure of the "more-ness" here...)
- both a whole and a part). While any particular holon is different from the wholes of which it is a part, it's own wholeness gives it a kinship to all other who

# HOW WILL WE GET THERE?

Wise

is for Holistic

is forOpeness

is for
Learning

is for Evolutionary

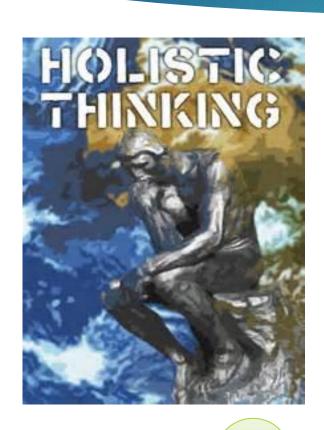




# W is for Wise

Wise Leaders will know how to connect and engage more talents and strengths to collaborate to do more with less at scale







## is for Holistic

Holistic thinking is required to address the complex system of systems challenges and create conditions for thrival.... bring more parts of the whole together to co-design a better future..

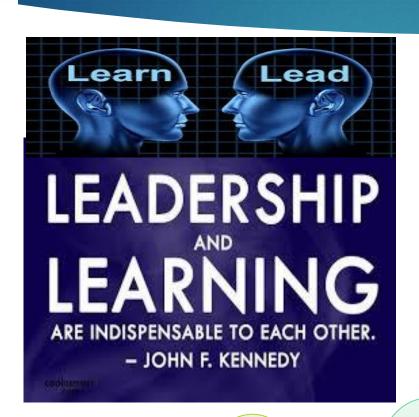




# is for Openess To recognize that the future is open system

To recognize that the future is open system of systems and be wholly ready to engage in right action to change point of view as often as needed in order to best describe the system at any point in time.



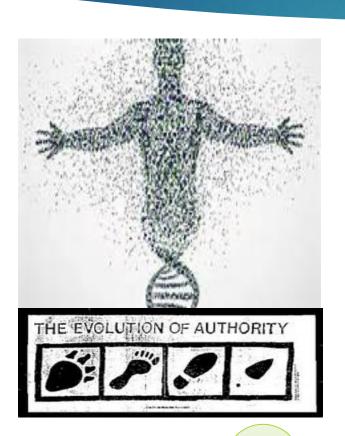




# is for **LEARNING**

Strong **continuous learning** is required to successfully adapt to changing world, viewing your experiences as potential **learning** and reexamining assumptions, values, methods, policies, and practices





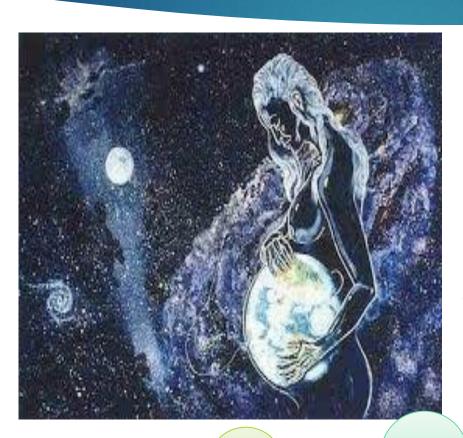


# is for **Evolutionary**

Evolutionary leadership required to change paradigm towards 'shared leadership' models which empower both leaders and teams to increase agility, adaptability and innovation.



## FUTURE SENSE... THE PURSUIT OF WHOLENESS



"Our pursuit of wholeness in our organizations and institutions is an indispensable element of the systemic response needed for the challenge of birthing the future we want."

Dr. Claire 4 Nelson



# THE FUTURES OF WOMEN... THE PURSUIT OF WHOLENESS



## Dr. Claire A. Nelson

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