

"The reality is not so much how many more trends we face, but what complex mix/interaction these factors have with each other that often leads to unpredictable outcomes/consequences."

Future of Organizations and Implications for OD Practitioners

By Mee-Yan Cheung-Judge

The continuous debate as to whether the field of OD is dead, close to death, or alive depends on whether the field and our practices are staying with or ahead of the intense and complex shifts in the environment that impact the world of work and its organizations. This article wants to affirm that, despite our imperfections and lack of coherence, many practitioners in our community have been making both inner and outer shifts to remain relevant to both the organizations and the people we serve. In this article, I will focus on three topics:

1. What are the macro trends shaping how organizations evolve?
2. How do the trends impact the future of work?
3. What are the implications of the macro trends for the evolution of organizations?

I will end with a section on what the focus of our work should be in the future. I hope this will provide some reference points for the reader to gauge whether we are staying ahead of the curve or if not, what we will need to do to be a "desirable commodity" for the systems we support.

What are the Macro Trends Shaping How Organizations Evolve?

Back Then

In the 1990s, Peter Drucker published a series of articles for *Management Today*; some of them were compiled into a two-part book called *Managing for the Future*. There he touched on many challenges that organizations would face in the future that leaders must deal with to survive.

Two decades later, some of those areas remain current despite the emergence of other factors.

- » Permanent cost cutting as a norm;
- » The importance of not "losing" culture but to use it to drive change;
- » The need for leaders to "walk outside" (walking inside is no longer enough) and ask dumb questions – they need to be extremely externally savvy;
- » The critical role of sound governance (and the importance of a "double-bridge" team – i.e. keen cooperation between executive officers and boards);
- » The need to pay attention to organization performance (he gave the five tell-tale tests);
- » How Research and Development needs to be business-driven, and so do the marketing tactics; and
- » The critical importance for the organization to move toward strategic alliances for progress, etc.

He was scarily accurate in his prediction about the following factors organizations will face: the changing world economy; the rise and possible fall of economic integration through the European Union; the rise in the East; the gigantic economic power of China; and the emergence of a new international economic order supported by the rise of the knowledge society in which ICT (information and communication technologies) and technology will make a big difference to how the organization manages its knowledge and runs its operation. He asserted that in times like these, innovation and entrepreneurship will make the

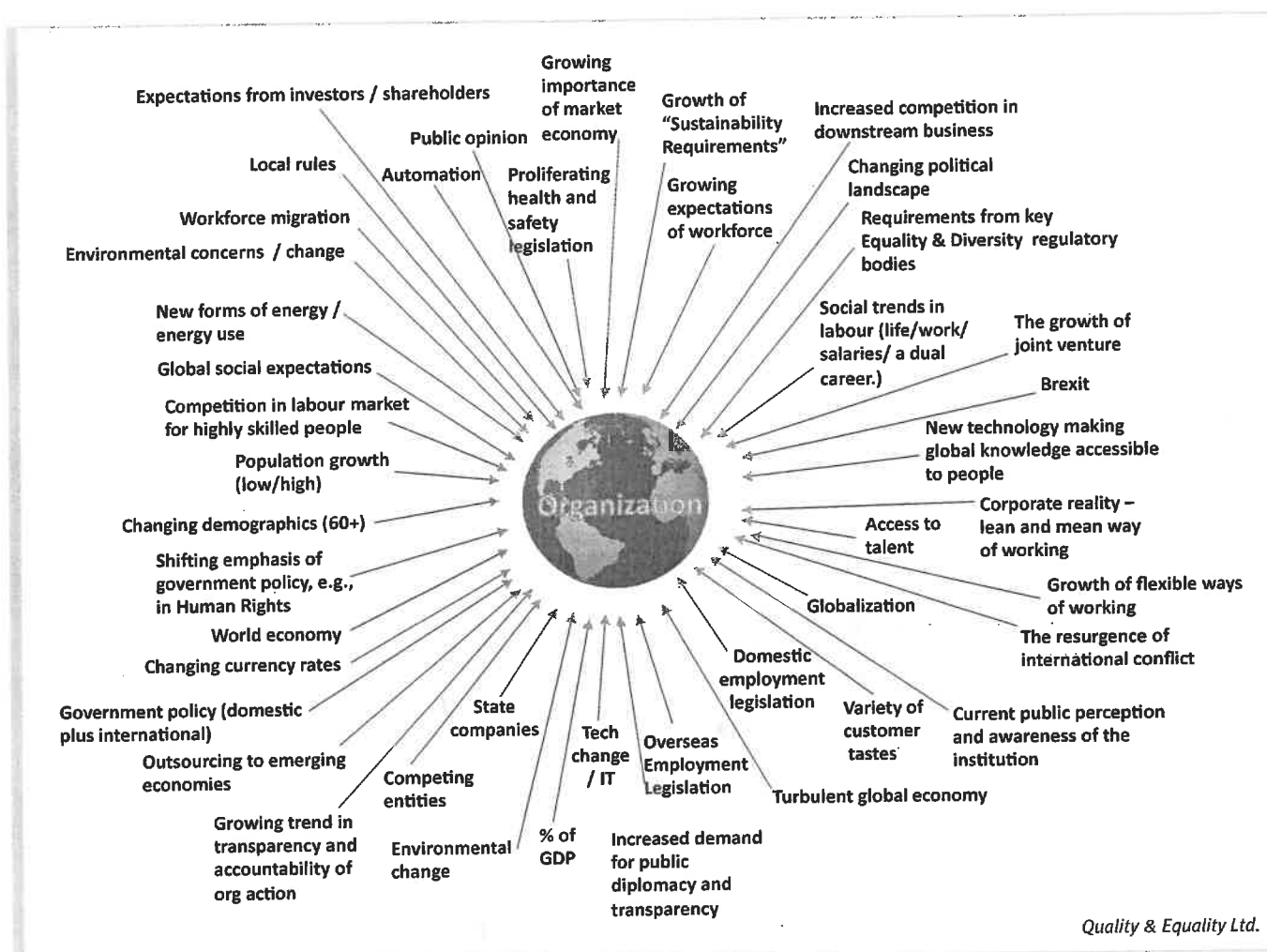


Figure 1. The World is Complex

differentiation between those organizations that survive and thrive or not, and leaders need to engage in "organized abandonment" and "transformative learning" to make way for innovation as they are the differential factors for those organizations that make it into the future and those that do not.

Now 2016

Since the 1990s, a lot has been happening on the global scene, and many organizations have been forced to adapt to survive. In preparation for writing this article, I reviewed the literature, attended lectures of futuristic speakers, held many conversations with top strategists in the corporate world, and examined the work of different think tanks. While there are many macro trends, they can be boiled down into six key ones. The labels for these six sound

Table 1. Dominant Players' Financial Data

Country	Cash surplus/ deficit	Central government debt, total (% of GDP)
China	- 2.3	43.9%
India	- 3.9	67.2%
Japan	- 6.0	229.2%
Singapore	- 1.2	104.7%
USA	- 3.2	104.17%

Source: World Bank 2012, IMF 2012

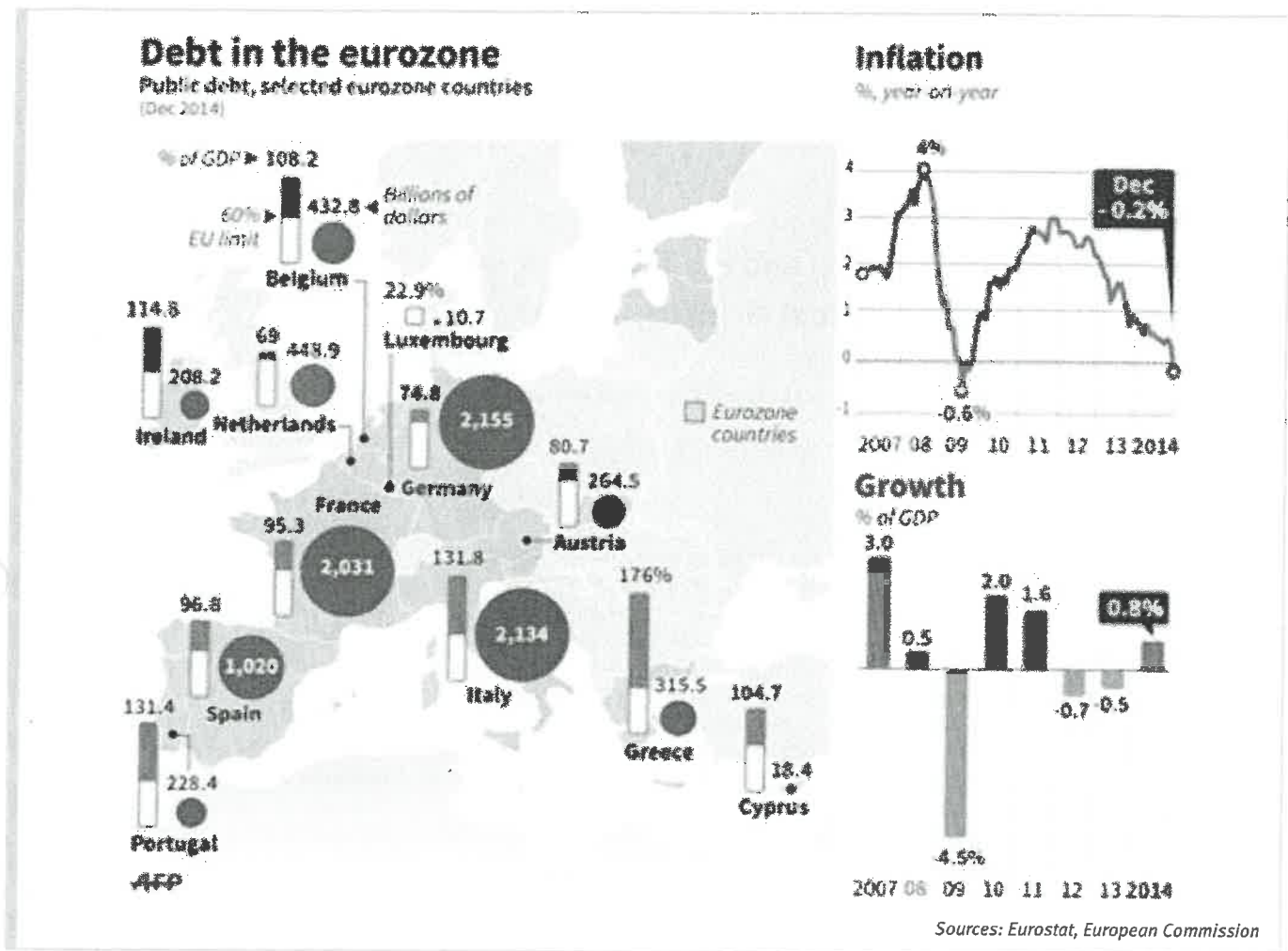


Figure 2. Many Eurozone Countries are Highly Indebted

familiar but as Drucker pointed out – it is the scale, scope, intensity, and how they manifest and their impact that have geared up significantly.

The key macro trends are:

1. **The scale of complexity in the environment.** It is not just in the number of dominant external factors affecting the organization, but the unpredictability of how different factors can have a combustible interaction with each other from unforeseen impact (see Figure 1 as an example).
2. **Resource scarcity.** There is a general but real decline in global financial resources that impact not just the public and third sectors, but have also made corporate operations very challenging (see Table 1 and Figure 2 as illustrations). Most of the top economic players – China, India, Japan, US, UK, and Germany are running on deficits,

and the debt as percentage of GDP is significant. We know the interpretation of these figures is complex, but they give a general resource picture.

The major questions for most organizations regardless of sectors are: How can we keep service provision going while continuing to innovate in our product and service development within the context of increasing financial restrictions? How do we prioritize which services to keep and which to close down? How do we protect the most vulnerable users of our services while maintaining resources to invest in our own human resources, etc.?

3. **Technology breakthroughs.** The increasing scale and scope of the growth of the internet, wireless communication platforms, and other technological innovation have fundamentally shifted the social fabric at every level - the

way people, teams, organizations, and society connect and share knowledge. The rules of the game and the way work is done have been significantly reshaped. As Raymond Kurzweil (called by the *Wall Street Journal* the “restless genius”) said, “the technological change is happening so rapid and profound – it represents a rupture in the fabric of human history” (2001).

But what is yet to come is quite unimaginable to many of us. The recent World Economic Forum published a report (September, 2015), *Deep Shift: Technology Tipping Points and Societal Impact*. The panel interviewed over 800 executives and experts from the ICT sector, outlined the details of this condition (Figure 3 and Table 2), and described the six mega ICT trends and the time line of 21 tipping points of innovation by 2025.

1. People and internet
2. Computing, communications and storage everywhere
3. The internet of "Things"
4. Artificial Intelligence (AI) and Big Data
5. The sharing economy and distributed trust
6. The digitization of matter

World Economic Forum — "Deep Shift: Technological Tipping Points & Societal Impact," Sept 2015

Figure 3. Six Mega Trends

John Newton, founder and chief technology officer of the document management firm Alfresco, highlighted the "tipping points" by saying "according to Moore's law, in 10 years' time computing will be about 64 times more powerful, storage capacity will be about double that, and network capacity probably about 50 times greater than today" (2014). That means that any problem will not be constrained by computing or space, but by imagination.

4. **Consumer/Customer rights and requirement of transparency.** With a greater awareness of their rights, and better access to information through technology, customers/consumers

become much more demanding for increasing transparency and accountability from those who provide services and sell goods. This coupled with increasing expectations of higher service levels and increasing product quality within the context of faster delivery time and greater individualization of "hi-touch" services, organizations find that the only sustainable way to maintain these relationships is not to be just "nice to have" but to become a "must have" organization. Blue Ocean Strategy becomes a rare luxury for organization.

5. **Population Movement and rapid urbanization.** The massive scale of population

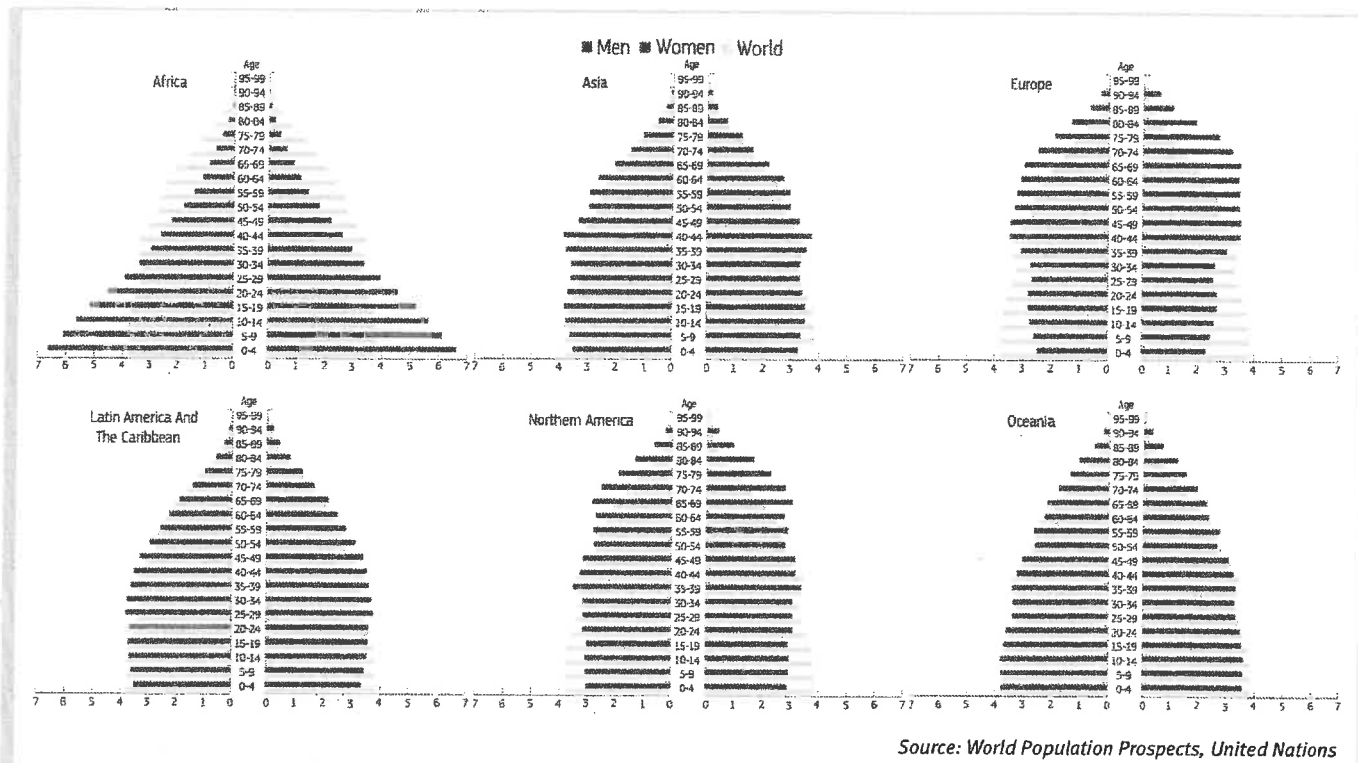
movement has now become endemic. In less than 5% of countries, statehood = peoplehood, which means very few political states have the same ethnic and racial group inside their state line. This population movement has been compounded by the ongoing political turmoil around the globe. This phenomenon of both forced and voluntary migration of populations towards more politically stable countries has serious social, economic, and political implications for both the exiting and receiving countries. The knock-on impact escalated the "rapid scale of urbanization." The World Economic Forum notes that by the year 2050 there will be a near doubling of the urban population worldwide to 6.2 billion, i.e. 70% of the projected world population of 8.9 billion.

This rate of urbanization has vast implications for every sector within the receiving countries. The provision of housing, education, medical assistance, social services, employment, welfare, etc. to a diverse population has piled an increased burden on mainly public sector institutions, especially in the face of continuous reduction of financial resources. For most organizations, this population movement has also

Table 2. 21 Tipping Points

2018	2021	2022	2023	2024	2025	2026	2027
•Storage for all	•Robot and services	•The internet of and for Things •Wearable internet •3D printing and manufacturing	•Implantable technologies •Big data for decisions •Vision as the new interface •Our Digital Presence •Governments and the Blockchain •A super computer in your pocket	•Ubiquitous computing •3D printing and Human Health •The connected home	•3D printing & consumer products •AI and white collar jobs •The sharing economy	•Driverless cars •AI and decision-making •Smart cities	•Bitcoin and the Blockchain

World Economic Forum — "Deep Shift: Technological Tipping Points & Societal Impact," Sept 2015



Source: World Population Prospects, United Nations

Figure 4. Projected World Population Pyramids – 2030

changed the profile of man/woman power planning and resourcing as there are insufficient human resources from the local population— bringing with it a host of complex issues in working with diversity and inclusion.

6. **Demographic shift.** The population movement together with the changing demographic profile has created a compounded level of complexity for society worldwide. Figure 4 shows that countries with the least developed economies face a challenge with a growing and restless young population, especially when their pursuit of better lives is frustrated by poor access to education and limited opportunities in skill development and employment. Hence the surge to seek greater opportunities to improve their life chances led to increasing migration. Conversely, the countries with the most developed economies are suffering with a relatively lower birth rate and have major gaps in human resources at every level from medical professions to the manual and service industries. On top of that, prolong life span means there are growing demands for services and health care for the aged population,

as the demographic profile has placed a major burden on the financial and healthcare systems.

These are just some macro trends happening in the world; there are many more factors. The reality is not so much how many more trends we face, but what complex mix/interaction these factors have with each other that often leads to unpredictable outcomes/consequences.

How Do the Trends Impact the Future of Work?

Many academics, major consultancy firms, industry leaders, and entrepreneurs have been conscious of the impact these mega trends have on the way work is done, and many of them have begun to shift and adapt the way their work is done. The following reports summarize some of these “future ways of working.”

1. PWC published a report in 2014, *The Future of Work – A Journey to 2022*, in which over 10,000 people from China, India, Germany, the UK, and the US gave their views on the future of work and what it means for them. Key data include:

- 66% see the future of work as a world full of possibility and believe they will be successful;
 - 53% think technological breakthroughs will transform the way people work over the next 5-10 years;
 - 2 out of 5 people around the world believe that traditional employment will not be around in the future. Instead, people will have their own “brands” and sell their skills to those who need them.
2. Work Foundation (A well-known UK think tank) published a report in January 2016 in which they predicted that by 2020, 70% of the workforce will adopt mobile working.
 3. Adapting to a New World of Work, reflecting on KPMG’s *Future of Work Business Leaders’ Survey, 2014*, shared key changes predicted by graduates (Gen X and Y). They found:
 - 75% believe the nine-to-five office culture will end.
 - 76% expect greater flexibility to prescribe their own working hours.
 - 68% think that virtual networks will result in greater employee engagement and higher productivity.

4. *Financial Times* published an article, "The Human Cloud: A New World of Work" (October 8, 2015). The term describes a way that employers begin to chop white collar jobs into hundreds of discrete projects or tasks, then scatter them into a virtual "cloud" of willing workers who could be from any part of the world, bidding and winning the job based on a price as long as they have an internet connection. The complexity and type of tasks varies – they can range from typing data into a spreadsheet, desk research on a specific topic, or writing a piece of code.

According to research, in 2014 employers spent between \$2.8 billion – \$3.7 billion globally on payments to workers. Online platforms like UPWORK processed about \$1 billion worth of payments in 2014 from which they took a 10% cut. Its chief executive predicts they will reach \$10 billion billing in another six years. So, it is a growing business. Some of the organizations have introduced the human cloud internally to test it – attempting to erase the rigidity of bounded roles.

5. World Economic Forum's report on *Deep Shift: Technology Tipping Points and Societal Impact*, September, 2015,

- 90% of the population with regular access to the internet, etc.

The other key trends are:

- Big-data—since there are and will be more and more data about everything and everyone due to the scale of digitization, the use of artificial intelligence through robotics to guide robust decisions making has become a closer and closer reality. Right now there are organizations that have a robot who sits in the board room with all the data fed in, who are being consulted as to whether the decisions the board has made are on the right line or not.
- Blockchain - Also the internet is driving a shift towards networks and platform-based social and economic models, which means assets can be shared, creating not just new efficiencies but also with an emerging technology like Blockchain they replace the need for third party institutions to provide trust for financial, contract activities.

As it stands, organizations like Netflix, Airbnb, Uber, and of course Google have continued to experiment further into alternative structures and processes to encourage innovative ways for delivering work. Their aim is to ensure their people will take advantage of collaboration, build a fluid understanding of work, act intentionally about the lack of rigid hierarchy, experiment with quicker decision-making structures and processes, and promote the intelligent use of data, all with a view to engaging successfully with customers on a massive scale.

The crucial features of a human cloud are:

- These are not jobs but tasks or projects;
- Performed anywhere in the world by people, on demand, who are not employees but independent workers;
- Much of it is white-collar piece work;
- There are online platforms that act as intermediaries, e.g., UPWORK, SUPER TASKER, STICKY CROWD, FREELANCER, PEOPLE PER HOUR, Amazon's "Mechanical Turks;" and
- There are three parties: those who pose a request, called "requesters"; those who do the work, "turkers" (in Amazon's terms); and the intermediaries who take care of the financial transaction plus the rating tracking of all the turkers' performance with clear public ratings.

listed some of the top 21 tipping points that are expected to occur by 2025, which will have wide impact on the way we work:

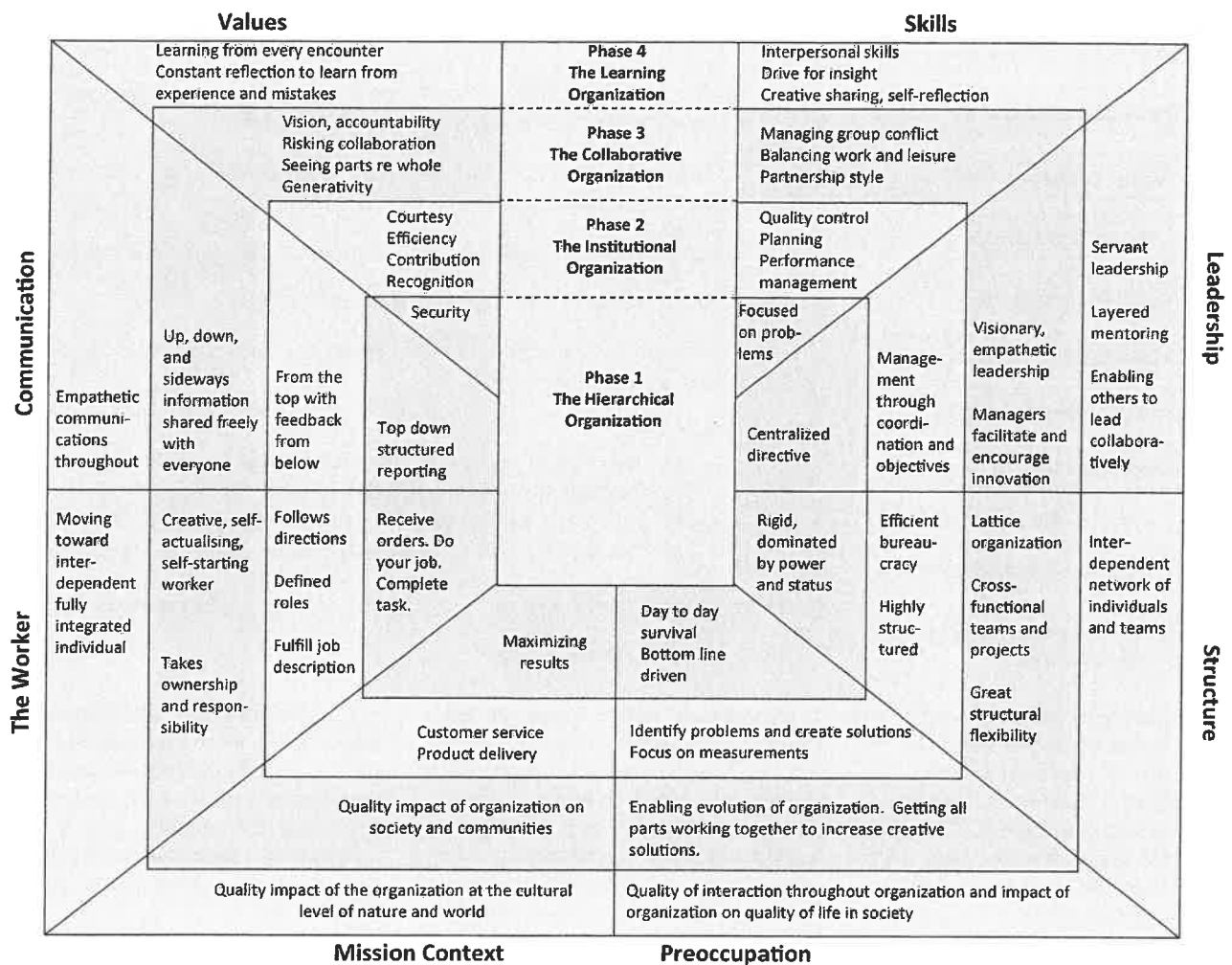
- The first government to replace its census with big data sources.
- Tax collected for the first time by a government via a blockchain.
- The first robotic pharmacist in the US.
- 1 trillion sensors connected to the internet.
- 90% of people having unlimited and free (advertising-supported) storage.
- 10% of people wearing clothes connected to the internet.
- 10% reading glasses connected to the internet.
- The first 3D-printed car in production.
- 30% of corporate audits performed by AI.
- 90% of the population using smartphones.

The future of work patterns span a wide spectrum depending on what type of industry the organization belongs to, the size, the scale of globalization, the nature of the work, the type of customer interface they will need to maintain, etc.

At the extreme, more work is carried out by robots, services are provided by driverless cars, and the world of smart drugs enhances intelligence, memory, and work (even though they are still very much on the experimental side), etc.

On the other end of the spectrum are the less radical but gradual systemic adjustments organizations must make. Some of the areas organizations have taken steps are:

- Attracting and retaining talent.
- Running cost cutting and growth strategies in parallel.
- Increasing the flexibility of human resources deployment.
- Building conditions that help boost a sense of wellbeing amongst those who work in the organization.
- Fertilizing the ground for more cross-boundary ways of working with sufficient diversity and collective



Source: R. Brian Stanfield, *The Art of Focused Conversation* (2000)

Figure 5. Map of Organizations

intelligence to create solutions for big audacious problems.

- Having smaller offices to contain staff (every desk in London costs £8,000-£12,000 per year).
- Encouraging an increased scale of mobile (virtual) working.
- Creating a “bleisure” culture – a portmanteau of “blur” and “leisure” – the way that technology and culture have made our work and free time less distinct from one another.
- Providing smartphones and cloud-based collaboration tools that offer constant connectivity to erase the neatly compartmentalized 9-5 work day.
- Engaging in office design to promote personal reflection, collaborative labs,

e.g., with a big white wall, rooms with ping-pong tables, and bean bags to relax and reflect.

- Continuing to experiment with the bubble organization – role defined by deployment and accountabilities.
- Building integrative service delivery models with commissioning organizations, suppliers, and other third parties working together.

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about the lack of rigid hierarchy, experiment with quicker decision-making structures and processes, and promote the intelligent use of data, all with a view to engaging successfully with customers on a massive scale.

The robust evaluation of why the above ways are fitter for a future oriented organization has been well put by Edwin Smith writing for *The Times* in UK (2014), “the multi-billion-dollar valuation of these businesses and the short space of time in which they have been achieved are testament to how this way of working is paying off.”

So, if that is how the future way of working is going to be, what sort of “organizing principles” or “structure” does an organization need to be “future ready?”

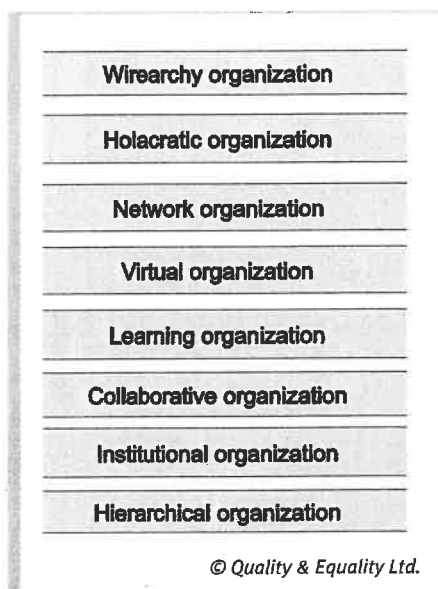


Figure 6. Evolution of Organization

The Implications of Macro Trends on the Evolution of Organization

Back in 2000, in his book *The Art of Focused Conversation*, Brian Stanfield created a map of organizations using eight variables to differentiate four types of organizations (see Figure 5). The eight variables are: Leadership, Structure, Preoccupation, Mission Context, The Worker, Communication, Values, and Skills. Like any typology, it is not perfect

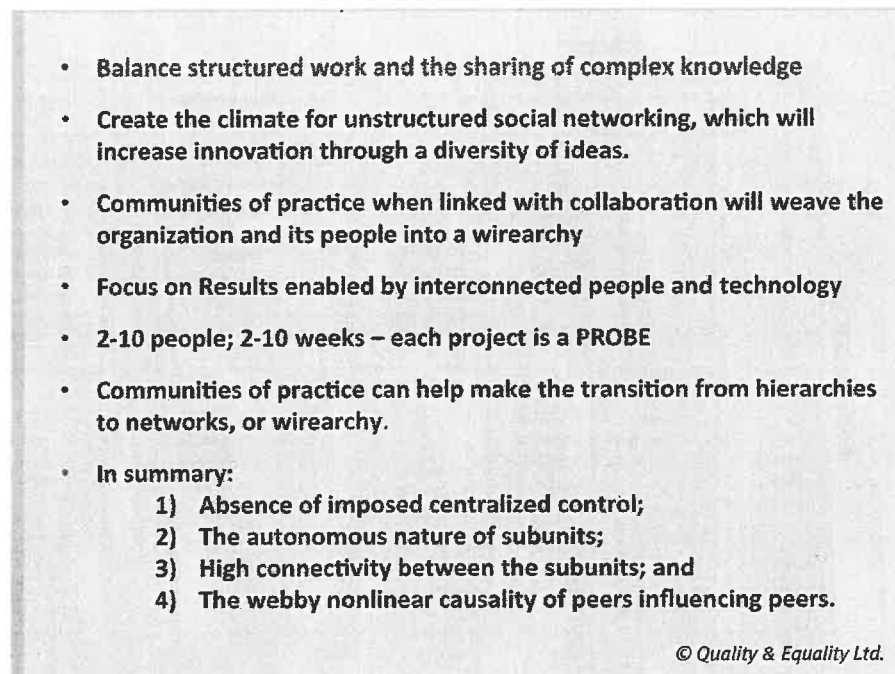


Figure 8. Wirearchy Characteristics

as organizations seldom fit into one type along all eight variables, but conceptually this map has given us something to adapt and play with – both as a diagnostic aid and as an intervention steer. Having worked with many organizations, most organizations are still hovering between the “Hierarchical” organization and the “Collaborative” organization.

The reality is that the evolution of organizations by now has moved on significantly. Figure 6 shows us that the organization can and should take steps towards Wirearchy – picking up characteristics that are deemed to help them to be better “fit” to be even more future ready.

Just for illustration, let us take a quick look at the characteristics of both Holacracy and Wirearchy organizations. Both are more “organizing principles” than rigid structures. In Holacracy, people work within *circles* that represent different aspects of an organization’s work. Staff do not have a job description, but *roles*. An individual can have more than one role within different circles, contributing in any areas that they can. The person who is empowered in a given role has autonomy over that domain. The circle can undergo evolutionary changes but there will not be major organization restructuring. Some of the early adopters are Yammer, Blogger, Twitter, Zappos, and Medium. However, this way of working, especially when introduced from top down vs. enabling the staff to choose to opt in, poses great strain on people as the change required is too fast and too deep. But nonetheless, the organizing principles offer real alternatives to a long tradition of hierarchical ways of organizing.

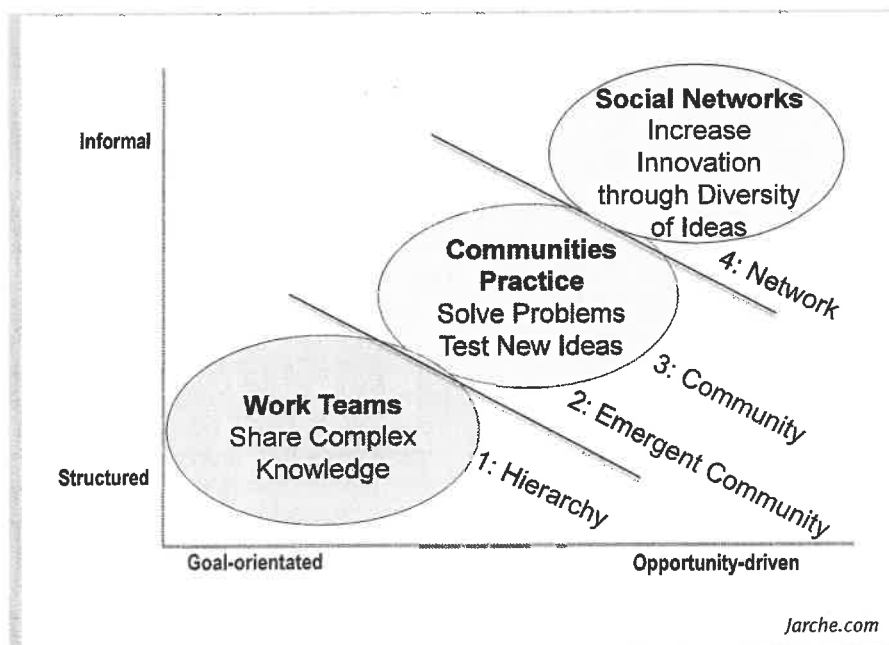
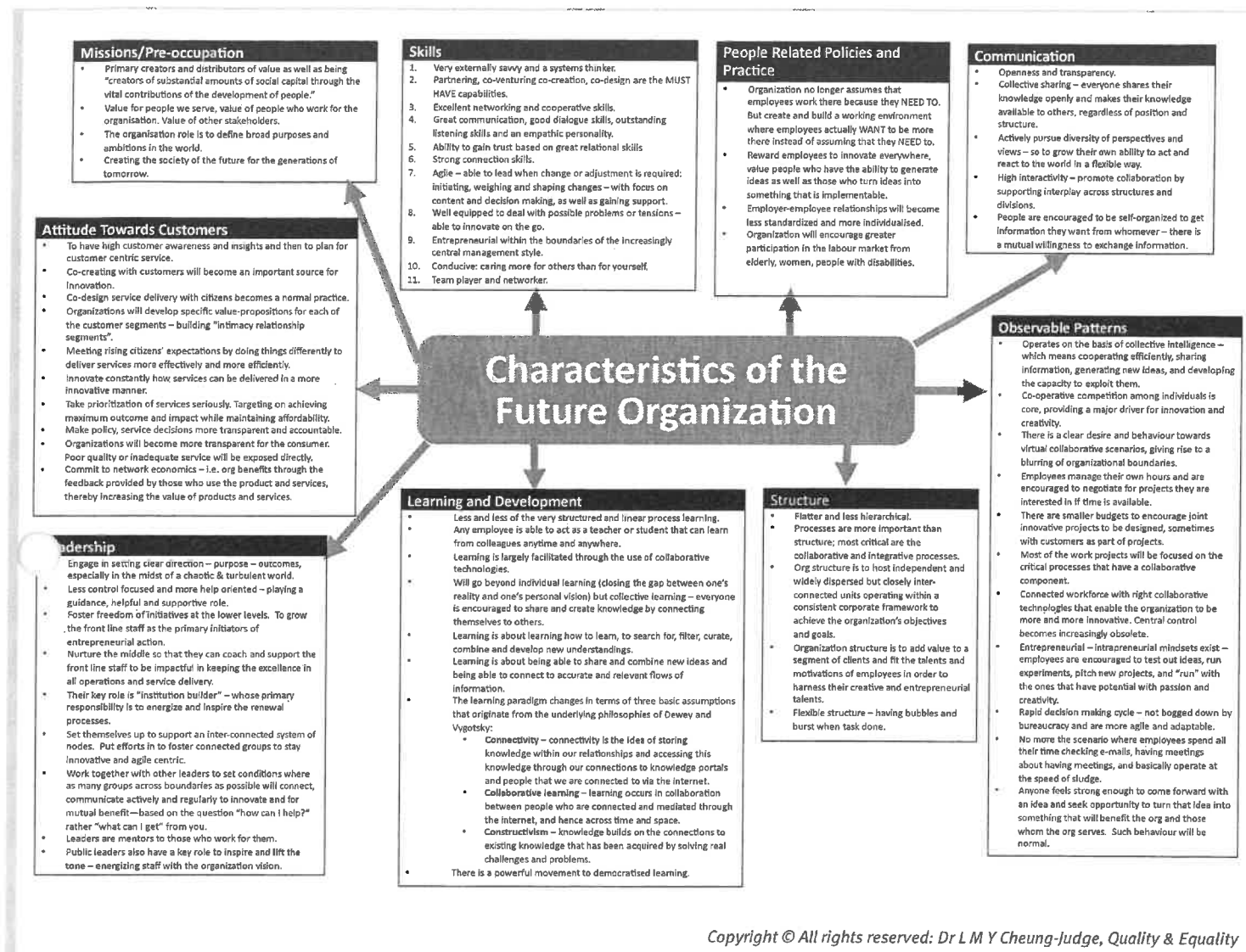


Figure 7. Wirearchy = Hierarchies + Communities + Networks



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Figure 9. Characteristics of the Future Organization

Wirearchy comes from hierarchies plus communities of practice and networks. Figures 7 and 8 show the evolution of wirearchies. It is an organizing principle around a networked world, with sub units acting autonomously to solve problems by having high connectivity and acting in a webby nonlinear way. The culture and behavior patterns of this type of organization reflect exactly those characteristics: collaborative learning; high connectivity; lots of cross unit work; leveraging collective intelligence; building entrepreneurial behavior; clear boundaries but high experimentation and bounded autonomy; setting up conditions and processes to breed agility and high adaptability with rapid prototyping and feedback, but without sacrificing the back

room structure and support with the target quality standard. Above all else, what makes this type of organization work is a high relational orientation among the system players. Elements of these characteristics have been pioneered and adapted by many of the ICT organizations for over a decade, and different aspects of them have proven to work.

An example case in point is a children's social service team in one of the UK Local Authorities who were facing dramatic funding cuts that seriously compromised their ability to execute their way of care for vulnerable children. One social worker thought, "there has to be a way to find the savings so we can keep the service standard integral." Through conversations with her team colleagues, they identified one way

to retain their service standard was to cut the court hearing time on child protection cases, which currently stands at 58 weeks.

Next, they went beyond the team to the "social work professional communities" in their area, floating and testing the ideas with other children's service teams in three other local councils. They received enthusiastic responses. With the beginning of the cross-location communities of practice, they worked out a proposal to cut the delay in court hearing cases to achieve savings. But they soon realized there were gaps of knowledge that required them to network with other professional communities to seek help, e.g., legal and finance. So, through their collective networks, they created a task team to increase the scale of innovative ideas via diversity thinking.

Eventually they devised a plan, wrote a proposal, worked through the necessary governance processes, and finally submitted a proposal to a regional body. As a result, they managed to cut the court hearing time by half and saved £12 million – which they channelled back into the children's services work.

Many futuristic, technological, and organizational writers have captured the characteristics of the future-oriented organization, but there has not been a coherent study backed up by consistent research data. The subject will benefit from having a dedicated edition to advance the understanding further. For now, I have summed up the Characteristics of the Future Organization in Figure 9 from both my working theories and whatever data/articles/reports I can find. I hope the grid will encourage you the reader to pull together your own cumulative working theories from your observations and experiences in supporting organizations.

The challenges facing us are that in order for organizations to survive, they need to explore various new possibilities for organization configuration, processes in getting work done, and the re-designing of an organization's variables. In parallel, new types of OD thinking and intervention need to be explored. Organizations need OD to travel alongside them as so much of the success will require humans to unlearn something primal and basic in our education and upbringing such as: being organized, well structured, having control over our own turf, working on individual or solo perspectives and achievements, aiming for specific targeted achievements, etc. The characteristics of a future ready organization, so far, show us we will need to do the reverse, or at least we will need to add different ingredients to what we know well (e.g., in the case of Holacracy). The question is: Have we, as the OD professional community, started our own transformation?

How Do We Become a "Future Ready" Professional Community?

This section will not be a list of what to do and what not to do, especially from a

deficit perspective. I believe that many of the global community of practitioners have been moving with the times. Many colleagues have been adapting practices to the shift already, even though there is always much more we will need to work on, especially in our effort to convince other colleagues to come alongside to help organizations to stay even sharper and be more future oriented. While we shall remain self-critical, for now we need to affirm the progress this community has been making to make ourselves "future ready."

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The following are the headlines of what work we have begun:

- » We have begun our work in the dynamics of tensions and polarity management – often holding the polarity of keeping what is core to OD values and practices while acquiring something new and different to build on what we have while discarding the obsolete practices, noting that we cannot take clients to places we ourselves have refused to go.
- » We have been adapting our change approaches and experimenting the way we deliver "help." Our colleagues in the complexity and chaos area have taught us many things, especially, in how we can work more effectively with complexity and emergence. Though, we can go further in being more masterful in this area.

- » We have learnt about the importance of using a lot of the "C" methodology to surface clients' own wisdom and community ownership; e.g. supporting them to increase Cross functional interaction; becoming a much more Connected workforce; designing processes to enable them to engage in regular Co-construction and Co-creation; helping the system to surface Collective intelligence; making Cross boundary work a norm; supporting L & D colleagues to reshape the learning process to make

Collaborative learning a requirement rather than an exception; making growth strategy to become an occasion for Co-venturing; and teaching clients how to use Co-Creativity as a tool for innovation.

- » Many of us have slowly but genuinely begun undertaking the necessary inner work to let go of the need for control and learning how to work with emergence. We have gone further to work on letting go of our need to be an expert, to be the one capable to solve their wicked problems. When we are brave, we openly admit that we do not KNOW the HOW TO in those novel situations the clients are facing. We intentionally help clients to surface their wisdom as equal partners, sharing intelligence and perspectives to carry out joint design on what will be the best for the organization. Getting to be future ready, many

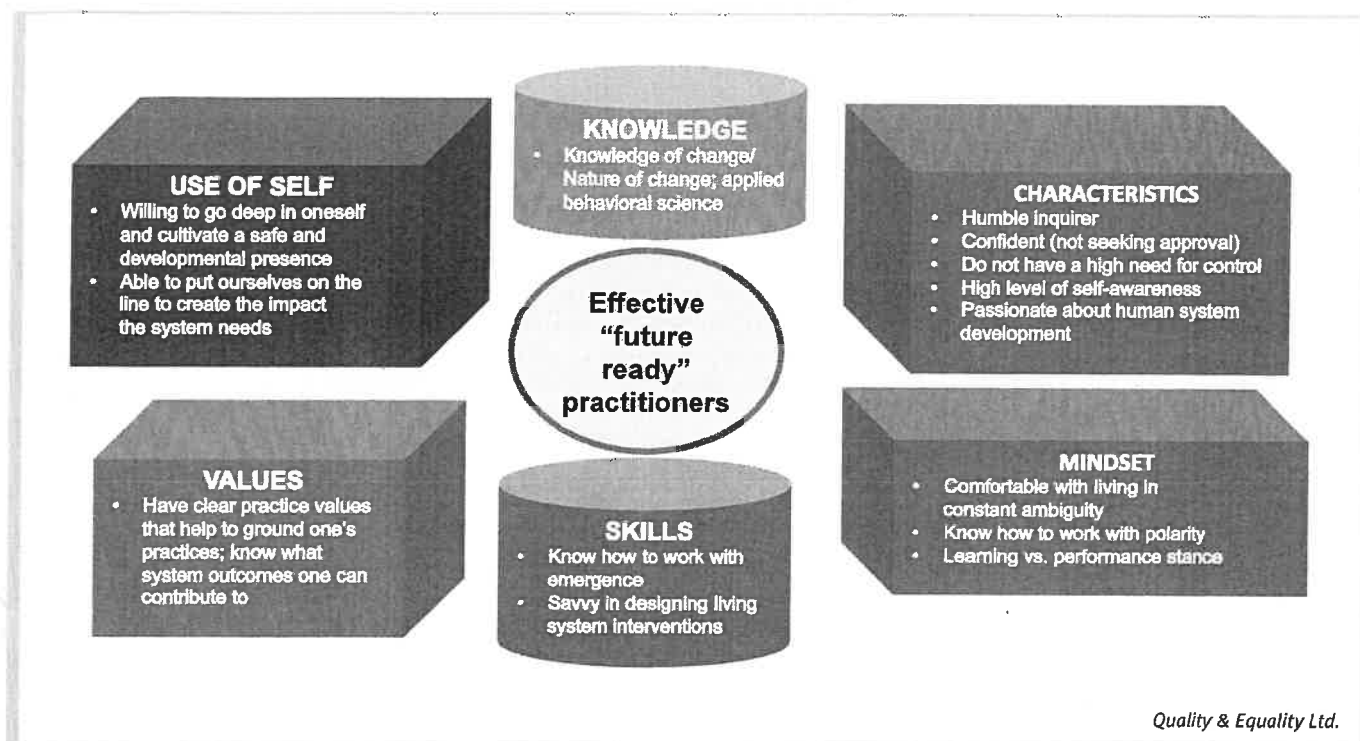


Figure 10. The Ingredients of a "Future Ready" OD Practitioner

of us self-initiate and persevere in the deconstruction process of our past ways of mastery, and learn, in some areas, to be novices again.

- » We also have re-embraced what some of the core OD values really mean in practice, not just as rhetoric but as values in action, e.g., engaging in lifelong learning, working with diversity to create traction for fresh ideas, helping the system to reveal itself to itself (action research), doing their own discovery. Not to mention, from the beginning, to raise the client's ability to self-organize, encourage people to be "expert" in their own areas of concern, passing on skills and knowledge to the clients so that they will have sufficient ability to sustain their own change.
- » We have kept watch of the methodological implications from the changing context and many of us figured out, unless we stretch our intervention repertoire, we will render ourselves unfit to support clients. So many of us have been eager to learn from other disciplines and embrace them in our OD practice: from IT, from economic behaviour, from network mapping, teaching ourselves rapid learning and prototyping cycles, etc. We understand the

importance of the action-reflect-revise-action and plan cycle, the emphasis on action, small experimentation, ongoing developmental evaluation. We know how important it is to pass our skills to leaders we work with.

- » We work intentionally to build strategic alliance partnership work with other professional communities: HR, Talent Management, Leadership Development, strategists, customer insight teams, economists, service delivery teams, etc., in order for us to stay on the sharp edge of innovation in supporting organizations not just to MOVE, but to PRACTICE the way to be a "future ready" way of operating

In Figure 10, a simple framework was put together to outline the ingredients of an effective future ready practitioner. The framework is my working theory rather than a research-based conclusion. There are six categories in this framework: characteristics, mind-set, values, use of self, skills, and knowledge. Under each of the categories, there are further sub points to signpost the specific ingredients. Like any working theories, I hope it will stimulate colleagues to continue to add, subtract, and build their own framework to expand our

collective knowledge, which in turn will help us to adjust our formal and informal education and development programs for future OD practitioners.

The Focus of Our Work in the Future

The followings are some of the crucial types of work we will both need to engage in more as well as continuously gain mastery from:

1. **Teaching system thinking to clients**
 - a. **Input.** Especially about how to help organizations to become externally savvy regardless of ranks, divisions, locations, so to enable the input data to be on the tip of everyone's tongue to ask "What? So what? Now What?" We need to gain mastery in the strategic scenario planning processes.
 - b. **Through Put.** Especially about helping the organization to understand and know how to ensure internal changes need to happen at the same speed as external changes. How to match the internal alignment to support the strategic ambitions of the organization within the context it functions.

- c. **Output.** To support organizations to continuously work with their staff and various stakeholders—especially their customers and consumers—about how to make their output—be it products or services or both—relevant to those who consume them in order to stay relevant.
Systems thinking is the bedrock of complexity and chaos perspective, e.g., complex adaptive system.
- 2. **Focus on patterns and behavioral work**
Both Schein and Burke have expounded
 - Self-manage productivity and self-organization to form groups to bid for projects of their interest.
 - Strong in central support but not central controls – with the central playing supportive and facilitative roles.
 - Willing to take calculated risks and engage in rapid prototyping cycles.
 - Build flexible structures to enhance agility.
 - Leaders become network weavers and innovation stimulators.
 - Include customers and citizens as part of the policy formulation task force.

Our job is to re-think how to be innovative, to develop middle managers into OD practitioners who know how to diagnose and intervene in different types of situations and who know sufficient group dynamics that they can experiment with other forms of teamwork. We need to ensure they all have basic facilitation skills to build the type of work team that will know how to network, resolve conflict, identify who and know how to collaborate, and build constructive relationships.

that “without touching culture, nothing has been touched.” This area of work is mainly about pattern identification and pattern shifting. Much of the ability to initiate, run, and be successful in operating a future ready organization is dependent on the ability of the system leaders and members to identify and be able to shift and adopt “fitter” behavior patterns.

What kind of behavior patterns will we need to support clients to adopt, if we look at the characteristics of the future ready organization (listed in Figure 9)?

- Operate based on collective intelligence, sharing information, generating new ideas with others.
- Co-operative competition to drive innovation and creativity.
- Blurring of organizational boundaries and proactively moving towards virtual collaborative scenarios.

- Participation in making major decisions becomes an organization default position.
- Cross skill sharing and utilization to achieve quick turnarounds, innovation, etc.

Our next step is to pull together all the research from any discipline in this area, e.g., from economic behaviorists; from neuro-science writing; from anyone who has written about gun control, lower teenage pregnancy, policy implementation, changing health habits and how to lower the rate of re-offending; from consumer insight groups, psychoanalytical work, Appreciative Inquiry, broaden and build writers, etc. in order to increase our insights on how to facilitate behavioural changes.

3. **Focus on the middle**

In his latest edition of *Productive Workplace*, Weisbord asked OD practitioners to focus on working with the middle. Barry Oshry's work on

system dynamics has always pointed to the key roles of the middle. When one looks at the type of organizations that have survived and thrive, we know it is the supervisors, the line leaders, the functional leaders, the strong operational core (the middle) who hold the roles to reshape the new way of working.

Our job is to re-think how to be innovative, to develop middle managers into OD practitioners who know how to diagnose and intervene in different types of situations and who know sufficient group dynamics that they can experiment with other forms of teamwork. We need to ensure they all have basic facilitation skills to build the type of work team that will know how to network, resolve conflict, identify who and know how to collaborate, and build constructive relationships.

4. **Mesh with executive leadership education**

OD professionals need to become key partners with those who hold the budget and the content approval of executive and different layers of leadership development. Future-oriented leaders need to know a different range of topics such as some of the following topics that have not been successful in making it into the ongoing type of leadership development program.

- What is an organization and how to build and maintain “fit,” “effective,” and “healthy” organizations?
- What are group dynamics, and how to use group dynamics to build leading edge thinking?
- How to work with complex and chaotic change, especially what to do with emergence.
- How to be a systems thinker.
- How to do network mapping and become a network weaver.
- How to become skilful dialogical containers, using their dialogical skills to stimulate meaningful dialogue across boundaries.
- How to HOLD the ongoing tension of polarities facing them as leaders, e.g., front room and back room, clockware and swarmware, sufficient boundary

differentiation and loose coupling, sufficient structure and emergence, etc. Leaders need to know how to think and work in a polarity management manner, especially, when things are ambiguous and a clear logic of decisions is not evident.

5. Keep our core work core

Finally, we should continue to do what we have been doing for a long time.

- Work with the whole system.
- Work on the duality of building organization effectiveness and health.
- Build effective working groups and pass on such skills to members of any work group.
- Be more customer/consumer/patient/citizen centric. This external perspective will stand all organizations in the right position to survive.
- Understand how to achieve an optimal balance between external and internal focus. When an organization can achieve the right balance between managing internal organizational efficiency and effectiveness and externally delivering "good growth," they will be in a strong place.
- Understand Weisbord's concept about building community in the workplace, as he talked about when there is mutual support to harness energy, productivity will go beyond imagination through community. Regardless of which new way of "organizing," relationships remain as the top work for all.
- Engage and improve in our "pattern identification" and "pattern shifting" work, and continue to expand our applied behavioural science through the emergence nature of how people continue to shape the nature of work and the work place.

In Summary

Being Future Ready is an exciting and complex topic for both organizations and us practitioners. We will need to do a lot more work sharing our practice, research data, and experiences. We are facing new scenarios for which there has been little guidance. This topic deserves the attention

of an edited volume in which a community of practitioners begin to focus on answering this question with concrete experience and case studies to abstract from experience to principles, to concepts, to theories.

We are confident that the field of OD is equipped to come alongside with leaders to work things out as long as we remain faithful learners in the field of applied behavioural science. OD, more than any field, has the knowledge, tools, and practice platform to support organizations to continue their evolutionary journey.

References

- Burke, W. W. (1993). *Organizational development: A process of learning and changing* (2nd ed). Boston, MA: Addison-Wesley Publishing Company.
- Drucker, F. P. (1992). *Managing for the future*. Oxford, UK: Butterworth-Heinemann Elsevier Ltd.
- KPMG (2014). Future of work business leaders' survey. Retrieved from: <https://home.kpmg.com/content/dam/kpmg/pdf/2016/02/kpmg-slant-future-of-work.pdf>
- Kurzweil, R. (2001). The law of accelerating returns. Retrieved from: <http://www.kurzweilai.net/the-law-of-accelerating-returns>
- Newton, J. (2014). Robots, smart drugs and stand-up meetings. *The Times*. Retrieved from: <http://raconteur.net/business/robots-smart-drugs-and-stand-up-meetings>
- O'Connor, S. (2015). The human cloud: A new world of work. *Financial Times*. Retrieved from: <https://www.ft.com/content/a4b6e13e-675e-11e5-97d0-1456a776a4f5>
- Oshry, B. (2007). *Seeing systems: Unlocking the mysteries of organizational life* (2nd ed.) Oakland, CA: Berrett-Koehler Publishers.
- PWC (2014). The future of work—A journey to 2022. Retrieved from: <http://www.pwc.com/gx/en/managing-tomorrows-people/future-of-work/assets/pdf/future-of-work-report-v23.pdf>
- Raconteur (2014). Adapting to a new world of work. Retrieved from: <http://raconteur.net/future-of-work>
- Schien, E. (2010). *Organizational culture and leadership* (4th ed.). San Francisco, CA: Jossey-Bass.
- Smith, E. (2014). Work revolution is blurring boundaries. *The Times*. Retrieved from: <http://raconteur.net/business/work-revolution-is-blurring-boundaries>
- Stanfield, B. (1997). *The art of focused conversation*. Toronto, Canada: The Canadian Institute for Cultural Affairs.
- Weisbord, R. M. (2012). *Productive workplaces: Dignity, meaning, and community in the 21st century*. San Francisco, CA: Jossey-Bass.
- The Work Foundation (2016). Working anywhere—A winning formula for good work? Retrieved from: <http://www.lancaster.ac.uk/news/articles/2016/working-9am-5pm-no-longer-the-way-to-make-a-living/>
- World Economic Forum (2015). Deep shift: Technology tipping points and societal impact. Retrieved from: <https://www.weforum.org/reports/deep-shift-technology-tipping-points-and-societal-impact/>

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