



A government leadership guide to culture change in EMEA

How to foster innovation and open culture in an agile government



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Alf Franklin
Head of EMEA Public Sector
Red Hat

Introduction

We are all engaged in digital transformation—whether employees and leaders in the public sector or as suppliers and partners to our public sector organisations. But digital transformation means different things to different people, depending on your perspective.

It is tempting to bring the tools of digital transformation and expect the change to happen as if it were an inevitable consequence of implementing the technology to enable it. For many, the software capabilities and the working practices appear so intertwined that the causal relationship can be confused.

But a product-centric viewpoint will never achieve more than a footnote in the true transformational changes that deliver genuine value to any business, and this is ever the case in the public sector where bureaucracy and regulation can stifle the keenest endeavours.

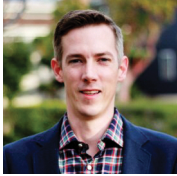
“Seek first to understand, then to be understood” is a foundation of any team that wishes to effect worthwhile change. As a Red Hatter, I am proud to be part of an organisation where all of our efforts start and finish with the needs of our customers. Open source software innovation is sparked by the needs within our customers, and the role of Red Hat as the catalyst in open source software requires the focus to be both on the initial requirement and on the final destination of the technology.

In the same way, to be the catalyst in cultural change requires the insight of and engagement with the leadership of an organisation—as this is where the spark must happen—as well as in supporting the digital transformation with the implementation, which is where the cultural change is finally expressed in technology and tools.

The Red Hat® team’s role used to be that of ambassadors for open source technology across government. More recently, we have become agents of change—catalysts—for a new way of organising human capital: the open organisation.

In the following pages, you’ll learn about the open organisation, the science of change, and how identification and adoption of open principles can help you start, accelerate, and improve the art of transformation. You’ll see how open culture and many of the agile principles known in the software development world are now being applied to stimulate organisational change as part of the DevSecOps movement.

The time is upon us all to transform government agencies. Many of the concepts discussed in this guide map to initiatives currently running in government departments in almost every country. There are countless new programmes in which to put the recommendations in this guide to work immediately. For transformation to take place in any organisation, leaders need to focus on the triad of transformation: people, process, and technology—with technology being the third and final element.



Michael Walker
Global director, Open Innovation Labs,
Red Hat

“Culture” is a shared and implicit understanding among a group of people. It is the way knowledge, processes, and habits are passed from person to person. And outside of Darwinian evolution, culture is the other important means by which humans evolve.

Culture is equally powerful in the realm of business. It can define business, and it often directly influences a business’s ability to succeed.

What roles do leaders play?

Even though management may initially instigate cultural changes, a leader can’t simply tell employees, “Our culture is going to change today.” Certainly, modelling a desired behaviour is much more effective than telling somebody what to do. However, for a group to truly adopt new behaviours, the cultural ingredients for learning and growing must be present—executives cannot expect change overnight.

In addition to leading by example, leaders can create robust systems for providing fast feedback to teams and reshaping behaviours and cultural norms. This approach involves a shift in mindset—that great ideas can come from anywhere in the company—as well as a shift in operations. People need to be in networks that are going to support innovation rather than squash it because “that’s the way we’ve always done it.” The best leaders find ways to facilitate innovation via meritocracy. They employ a system of reasoned debate, where individuals have the freedom to share ideas and measure against reality to see what works. This process of innovation trains the network to elicit and reward good ideas and good habits. In the process, it changes the company’s culture.

Will it be easy?

No. Changing a corporate culture is extremely challenging and requires a lot of time and patience. That’s because culture can feel extraordinarily nebulous. It can be slow to change. But it can be changed. By taking some initial steps—getting a handle on what culture is, how it is formed, and how to guide it in new directions—leaders can begin the process of changing their corporate cultures and setting their organisations up for a new and better future.

What is a paradigm exactly?

A framework containing basic assumptions, ways of thinking, and methodology commonly accepted, including a cognitive framework shared by members of any discipline or group.

Section I: A new paradigm for change

Conversations about digital transformation and related culture change are not new. Whether described as disruption, or simply IT initiatives, we operate in a continuous cycle of change. In the private sector, this change is often clear and illustrated in the form of financial or market impacts. In the public sector, these disruptions can often be masked, but their impacts in the form of security, speed to capability, or service interruption can be found across every government organisation and major agency.

In the midst of digital transformation, we engross ourselves in the efforts of innovation and disruption in the context of technology solutions. Often we miss the most crucial state—that of organisational transformation. Our efforts at organisational transformation must include going to the root of why we do what we do, which includes culture change. Without culture change, most outcomes organisations strive for will not be realised.

Research over the last decade shows this new paradigm—our way of thinking about change—is formed by 3 areas: **our work, the psychology of change, and the speed of change.**

The work has changed

What: The old playbooks and models for management that have previously garnered success are no longer effective. The majority of tasks that these management practices were designed to manage, originally created in the 19th and 20th centuries, were rote. Efficiency was based on repetition, specification, and routine, often in the hopes of creating the largest possible output at the lowest possible cost. Today's world requires new skills, often targeted at creative differentiation with increased requirements—speed, quality, and performance outcomes. If it can be automated or outsourced, it will be. New ways of organising and managing resources are required to lead in the digital age.¹

When: In this new world, information flows in real time, and the expectations of people have shifted too. They demand the same flow, or accessibility, of information from every encounter. This expectation puts the burden back on organisations. They must provide services to meet the people where they are—and prepare for future advancement. Citizens are placing these same demands on government services. A recent Accenture study found that 67% of people surveyed expect the same or more from government digital services compared to commercial digital services.²

How: Disruption itself is existential for leaders, notes an article³ from professional service provider Wolters Kluwer. It's not just an organisational design issue. It cuts straight to the core of who we are, how we see ourselves, and what we contribute to our environments. The furious pace of disruption is forcing executives to make existential decisions and commit to them much faster than they've anticipated.

Transforming your organisational culture—including the way you work—will require taking new approaches. If organisational culture change is not addressed alongside the introduction of technology changes, companies will not be in business much longer—regardless of how successful they have been

¹ Opensource.com, "A Human Approach to Reskilling in the Age of AI," 2019.

² Smart Cities World, "A Third of Citizens Unaware of Digital Services," 2019.

³ Wolters Kluwer, "Lessons In Leading Disruption: 2018."

in previous decades. There is now a sense of urgency for organisational culture change related to digital transformation and the subsequent speed of innovation. Leaders in all sectors and industries face critical decisions and challenges.

Throw out your playbooks. Revise your best practices. Innovation isn't just a technology, it's actually tools and people and process. It's technological, cultural, and organisational. And in this new age, it requires a paradigm shift to compete, sustain, and thrive.

"We are in the midst of a complete transformation in the way value is created, delivered, and consumed. Our ability to rapidly and effectively envision, develop, and deliver technology-related value to enhance the customer experience is becoming a key competitive differentiator."

Nicole Forsgren, PhD⁴

"The regulatory process—whether in the economic, social or administrative spheres—must be ever vigilant to the effects of technical change."

OECD,
Regulatory Reform and Innovation Report⁶

"To survive, we need adaptive, collaborative, and agile ways of working that are fit for an uncertain and rapidly changing business world."

Angela Salmeron,
European Future of Work Lead¹⁰

The psychology of change

Understanding the psychology of change—how people think and interact with information presented—will provide your leaders with a broader sense of how to implement and achieve faster rates of change with ease. Working with change requires a cooperative effort between the internal self and the external data (new information) being presented. Additionally, it requires us to reframe how we think about and understand our individual relationship to change.

Neuroscientists have identified that 95% of our cognitive decision making⁵ is done in our unconscious mind—which includes decisions, emotions, actions, and behaviours. Our unconscious mind houses our values, beliefs, and experiences. That is what pushes our cognitive decision making.

Decision making impacts how you implement change in your organisation because you and your team are already hardwired to adapt rapidly. Your programming—and that of your organisation—can be modified to meet the speed of innovation with minimal to moderate effort.

The following pages will help you establish a better understanding of how to work with your team as they respond to and process change—and how to simplify the process of change in your organisation.

The speed of change

We hear a lot about the speed of innovation. We talk about [planning being dead](#),⁷ the need for flexible business models, and building solutions with agile methods. But do we truly understand that the speed of change is on a trajectory for rapid increase?

We live in an age of innovation featuring rapid cycles of change. Futurist Gerd Leonhardt estimates we will see more change between 2015 and 2035 than in the prior 300 years of modern history.⁸ To effectively understand this change, we need to step back and see the large-scale impact of this age.

In 2018, statistics showed daily media consumption in Europe as averaging over 10 hours per day.⁹ The amount of information we use daily, whether through our personal or professional lives, speaks to how our society has changed. As our technologies advance and alter how we work, we will alter how we provide services and solutions. Our current state is unable to keep up—and meeting the demands of the future state will be difficult.

⁴ Nicole Forsgren, PhD, "Accelerate: Building and Scaling High Performing Technology Organizations," 2018.

⁵ Harvard Business School, "The Subconscious Mind," 2003.

⁶ OECD.org, "Regulatory Reform and Innovation Report."

⁷ Opensource.com, "Try, Learn, Modify," 2018.

⁸ Gerd Leonhardt home page. Accessed April 2020.

⁹ Statista Research, "Europe Daily Media Consumption," 2019.

¹⁰ Angela Salmeron, "The Future of Work: Agile Team of Teams," 2019.

Culture 101

Organisational culture is defined as how a company conducts itself internally and externally—its ethos + values + frameworks.¹¹

It includes:

- Core values.
- Expectations for behaviour.
- Decision-making models.
- Leadership structures.
- How it (the organisation) conducts itself with others.
- How information flow operates.
- How one is allowed to express oneself within the organisation.

Cultural identity is crucial as it affects productivity, performance, employee engagement, and citizen relations.

Action

When considering a change in your culture—teams, departments, or organisation-wide—adjustments are often needed in these frequently overlooked areas:

- Policies and governance
- Processes across the entire ecosystem
- Decision-making models
- Sourcing feedback
- Talent acquisition and hiring practices

Understanding organisational culture

And, why you should care.

It is time to shift our thinking from how we use technology to support our businesses to how we build technology to shape future strategies.

Disruption through digitisation has altered our way of working—from business models to organisational design. There are even distinct differences in leadership structures to realise the benefits of our technological advances.

To benefit from digital disruption and gain a competitive edge, we must evolve how we are organised and how we interact with others.

Each level of management and leadership has different responsibilities for engaging with change. Those in mid-level roles need to understand how to use technologies and change at a local level. Those in senior roles must be able to see how change and technology affect strategy, the scope of business, and core capabilities. Senior leaders must make strategic decisions and create space for those in mid-level roles to act for local impact.

As a leader moving into the future, your primary directive is organisational change. Benefits of your technologies will emerge naturally when the architecture of your organisation is designed on a scale of openness to support structure, process, decision making, relationship building, resource allocation, and even incentives. Continuing to only focus on digitisation efforts will not lead to success and sustainability.

Identifying your culture

How do you process information?

The Three Cultures Model¹² by Ron Westrum is a starting point to help you identify your current culture: pathological, bureaucratic, or generative.

How do things get done in your organisation?

Here are a few questions to ask your leaders and teams as you begin to assess the health of your organisation:

- How do you communicate why your organisation exists, where it is going, and how it is going to get there?
- How do you determine what information, skills, and work structures are needed for employees to successfully do their jobs?
- How do you support decisions being made efficiently and effectively?
- How do you focus on the needs of your internal and external stakeholders?
- What parameters are in place to allow your organisation to adapt quickly and respond to shifting needs and demands?

¹¹ *The Open Organization Leaders Manual Second Edition, "Stop Hiring for Culture Fit," 2018.*

¹² *Ron Westrum, "A Typology of Organisational Cultures," 2004.*

Three Cultures Model

By using this chart as a guide, you can begin to see your current state—and plan for a future state based on desired outcomes.


Table 1. Three Cultures Model¹²

| Pathological (power-oriented) | Bureaucratic (rule-oriented) | Generative (performance-oriented) |
|-------------------------------|------------------------------|-----------------------------------|
| Low cooperation | Modest cooperation | High cooperation |
| Messengers shot | Messengers neglected | Messengers trained |
| Responsibilities shirked | Narrow responsibilities | Risks are shared |
| Bridging discouraged | Bridging tolerated | Bridging encouraged |
| Failure leads to scapegoating | Failure leads to justice | Failure leads to inquiry |
| Novelty crushed | Novelty leads to problems | Novelty implemented |


Open leadership is a solution to problems in how we work, build and deliver solutions and services, and make decisions and communicate.

Open leadership transforms our processes. It helps us move from a pathological or bureaucratic organisation to a generative organisational model. We’ve made the case for culture change. Now, we must organise for open leadership.

Westrum Culture Items



Found to be
valid & reliable



Predictive of IT
& organizational
performance

- On my team, information is actively sought.
- On my team, failures are learning opportunities, and messengers of them are not punished.
- On my team, responsibilities are shared.
- On my team, cross-functional collaboration is encouraged and rewarded.
- On my team, failure causes inquiry.
- On my team, new ideas are welcomed.


@nicolefv


Figure 1. Westrum Culture Items¹³

¹³ DevOps Research and Assessment, Nicole Forsgren, PhD, “What We Learned from Four Years of Sciencing The Crap out of DevOps,” 2018.

Section II: Organising for the emerging future

The future is built on open principles

From open initiatives to behaviours and expected outcomes.

Implementing open values, principles, and processes into all facets of our lives—such as culture (both organisational and societal), education, access to information, co-creation models, engineering, and computing—is the best way to build a balanced and free society that paves the way for future technological advances and new ways of working together to build our world.¹⁴

The world as we have known it for centuries is in a rapid state of evolution. We see it playing out on political stages, in education, and in business. Little has been left untouched by innovative solutions involving technological and scientific advances.

With this human evolution comes a desire for more change within our systems and structures. People want authentic and honest interaction, access to transparent information, opportunities to weigh in on critical decisions, and do meaningful work. What worked a decade ago, or even a few years ago, is no longer viable.

Building our future, our organisations, our ecosystems, and our people will require bold shifts. It is time to examine all things open.

Top 5 tips for the shift

1. Architect your organisation to shape future strategies today.
2. Create space to innovate and “fail forward” safely.
3. Focus on your outcomes and be flexible in your planning to get there.
4. Enable your people and opportunities to fit what you need now so you can adapt as you move forward.
5. Just start.

¹⁴ *The Open Organization Leaders Manual Second Edition, “Introduction,” 2018.*

Building your foundation on open principles¹⁷

Transparency

Access to information; communication; decision-making processes

Adaptability

Flexible and resilient, feedback loops; safe space to iterate + try

Inclusivity

Diverse points of view and thought; rules for participation clear; underrepresented voices heard; leaders are consciously engaged

Collaboration

Joint work produces better; discovery of work, providing feedback + engagement is easy; internal + external participation is possible

Community

Shared values + purpose guides work; core values are clear; drives goals; share a common language

The principles that open organisations, and teams, use to organise can be set at varying levels. Each organisation takes into account what works for their industry, or their regulations. The key to making open culture work, however, is integrating all 5 principles.

Setting your foundations for success

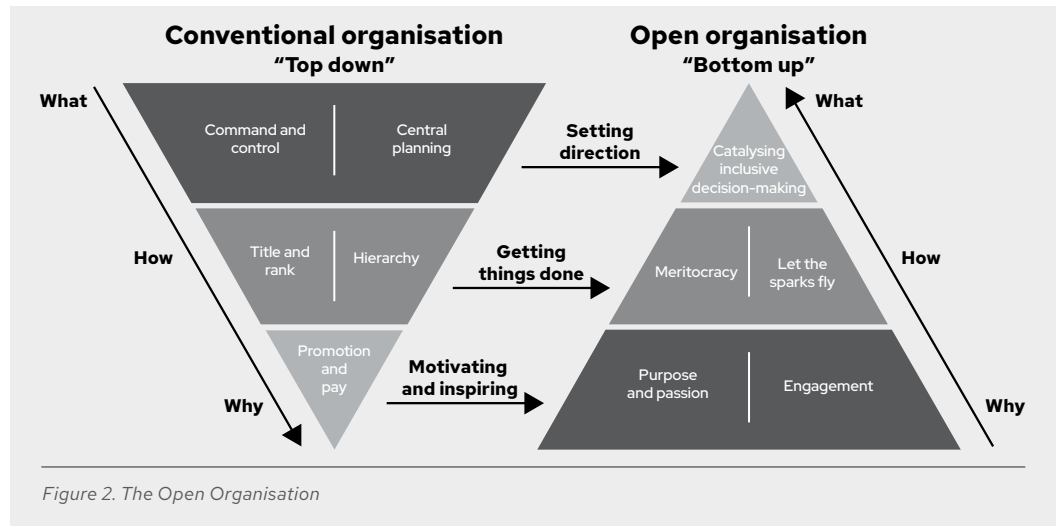
Start with the why.

Starting with “why” seems like an easy enough task as it is a seemingly innocuous question. However, it requires a far more complex answer. Knowing your why for each level of your organisation will not only create meaningful work for your employees, it will steer your entire operation toward success.

In *Why Innovation Trumps Process*,¹⁵ Allison Matlack asks us, “Is your organisation more focused on doing things right for the sake of process and consistency, doing things fast to meet arbitrary deadlines, or on doing the right thing for the customer? And what is that right balance of each of those for you?” Before concentrating on what you do and how you do it, you should figure out why you’re doing it in the first place.

An iterative, interrogative technique called The Five Whys is a helpful exercise to use in this discovery process.¹⁶ This methodology states that you have to ask “why” 5 times to find out the real truth, the real root cause, of an issue.

Use these 2 examples to expand understanding into your why to strengthen your agency mission and engage your people.



¹⁵ *The Open Organization Guide to IT Culture Change*, “Why Innovation Trumps Process,” 2017.

¹⁶ Wikipedia, “Five Whys,” 2019.

¹⁷ Opensource.com, “The Open Organization Definition,” 2017.

Open principles

Adjusting to your needs.

When leaders hear the phrase open organisation, it often causes confusion. The assumption is that an organisation is either fully “open” or fully “closed.” Open organisational cultures vary widely, but all are intentional and structured.

Each organisation and industry will find itself being guided by goals, mission, culture, and regulations. The influencers of an organisation’s behaviours and business models allow for the individual levers—open principles—to be adjusted. Organisations then must operate within a spectrum of openness, allowing for adjustment by each guiding principle.

The crucial component to organising in this way is that all 5 principles should be part of your foundation.

Let’s examine the principles and how they look when operationalised.¹⁸

Principle: Transparency

Operationalised:

Everyone working on a project or initiative has access to all pertinent materials.

People willingly disclose their work, invite participation on projects before those projects are complete, and respond positively to requests for additional details.

People affected by decisions can access and review the processes and conversations that lead to those decisions, and they can respond to them.

Incorporating open principles:

While you need to consider regulations and policies that affect your industry, you can create a transparent flow of information within your organisation and provide appropriate levels of access to information.

Principle: Inclusivity

Operationalised:

Technical channels and social norms for encouraging diverse points of view are well-established and obvious.

The organisation features multiple channels and methods for receiving feedback to accommodate people’s preferences.

Leaders are conscious of voices not present in dialog and actively seek to include or incorporate them.

Incorporating open principles:

Build teams who represent cognitive diversity, varied backgrounds, and varied sets of experiences to solve problems in innovative and competitive ways.

Principle: Adaptability

Operationalised:

Feedback mechanisms allow and encourage peers to assist each other without managerial oversight.

Leaders work to ensure that feedback loops genuinely and materially impact how people in the organisation operate.

People are not afraid to make mistakes, yet projects and teams are comfortable adapting their pre-existing work to project-specific contexts to avoid repeated failures.

Incorporating open principles:

Create space for innovation in your teams while removing barriers to information. With supporting documentation on decision-making frameworks, your people become engaged and adaptable at every turn.

¹⁸ Opensource.com, “*The Open Organization Maturity Model*,” 2017.

Principle: Collaboration

Operationalised:

People tend to begin work collaboratively, rather than add collaboration after they've each completed individual components of work.

Work produced collaboratively is available externally for creators outside the organisation to use in potentially unforeseen ways.

People can discover, provide feedback on, and join work in progress easily—and are welcomed to do so.

Incorporating open principles:

Provide your teams ways of working together and across departments to solve issues. Even if you can't collaborate externally, internal collaboration can create rapid change and spur innovative solutions.

Principle: Community

Operationalised:

Shared values and principles inform decision-making and assessment processes are clear and obvious to members.

Leaders mentor others and demonstrate strong accountability to the group by modeling shared values and principles.

People have a common language and work together to ensure that ideas are clearly communicated and they are comfortable sharing their knowledge and stories to further the group's work.

Incorporating open principles:

Connect your people internally with a shared vision and common language. If you can go one step further and build community externally, it will bring long-term success.

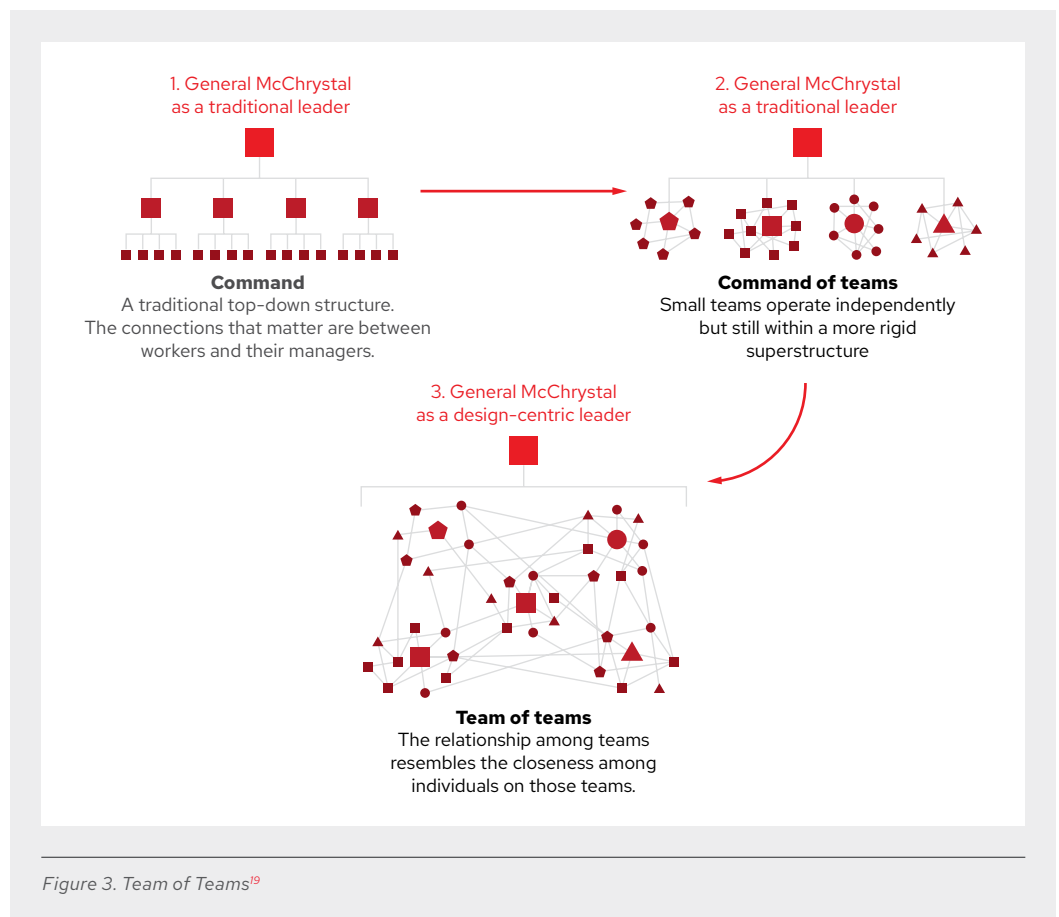
Moving beyond command and control

Reframing your culture.

Team of Teams¹⁹ models have emerged in organisations over the last few years. Many organisations are adopting these models of cross-organisational and cross-functional teams, viewing it as an essential part of serving clients' needs.

Ultimately, a Team of Teams model creates higher productivity and engagement, deeper leadership development, and utility players across your organisation who become rapid responders to change. By design, cross-functional teams have access and connection to the rest of the business and are situationally aware of how their efforts can impact or impede the rest.

Using the traditional organisational chart allows for scalable efficiency—doing things right—while a distributed Team of Teams model allows for scalable adaptability and empowered execution—doing the right thing. This approach helps change spread and scale.



¹⁹ General Stanley McChrystal, *Team of Teams: New Rules of Engagement for a Complex World*, 2015.

Six insights for open leaders to inspire teams²¹

Willingness to extend trust and share information.

Appreciation for transparency and collaboration.

Sensitivity to the moods, emotions, and passions of the people that make up the organisation.

Knowledge of not only what to share, but how to share it.

Belief that groups will consistently outperform individuals working in isolation.

Trust in those groups to create necessary change.

Beyond motivation

Inspiration through open leadership.

In *Organize for Innovation*,²⁰ Jim Whitehurst, president and CEO of Red Hat, writes that being an open leader means creating the context others need to do their best work. In setting that context, leaders create places of trust and rely heavily on their emotional quotient to connect and build relationships.

Open leadership requires moving beyond motivation to inspire people. Inspiration allows others to connect, dig deep to innovate, and do meaningful work. Open leaders set the vision for the business and communicate and inspire from the top. But, it is from within the organisation that innovation and ideas are encouraged and fostered.

Inspiration is intrinsic. It does not come from a place of fear or control, which is often the force behind motivation. Inspiration allows for an individual to connect to who they are and the ability to serve others. An open leader facilitates this experience for those they lead. This is the basis for building collaborative relationships.

By connecting people to a shared vision versus mission statements, we begin to promote the capacity to dream, and ultimately, create cultures of innovation.

²⁰ Jim Whitehurst, "Organize for Innovation: Rethinking How We Work," 2018.

²¹ Opensource.com, "What it means to be an open source leader," 2016.

Section III: Workforce and work space transformation

How to recruit and retain top talent

Moving beyond the talent challenges of the public sector.

Access to skilled workers is a challenge across Europe. The European Commission believes there could be as many as 756,000 unfilled jobs in the European ICT sector in 2020.²² And, according to the Organisation for Economic Co-operation and Development (OECD), at least 80 million workers in Europe are mismatched in terms of qualifications.²³

Organisations across the globe are faced with similar issues. However, European employers understand the urgency to upskill and retrain the existing workforce. Marianne Kolding, Vice President of European Skills Practice, states, “New graduates are also part of the talent strategy but are not expected to be experts when they join – employers are ready to provide training. Talent management is clearly becoming a strong strategic imperative for European organisations.”²⁴

While these challenges seem daunting, there are simple tactics to attract and recruit top talent in this generation. The value of solving problems over performing routine tasks, for example, creates meaningful and engaging work. This ability can be far more alluring to young talent than a compensation package.

Additionally, to attract young, engaged talent you must be cognisant of the environments you create. Going back to knowing your culture—ethos and way of doing things, along with open principles—can help you shape the right environment. Transparency, access to information, and communication should be a top priority when addressing transformation in other areas. These desires are common outside of the workplace and are demands in the workplace for today’s modern, intergenerational workforce.

Ways to attract top talent

- Create short-term project sprints.
- Connect people to your agency mission, your why, and problems to be solved.
- Use the experienced talent you have in surplus to mentor on management and leading teams.
- Allow for cross-collaboration efforts in your teams when career paths are yet undefined to keep talent interested.
- Be inclusive in your sourcing—look for diverse backgrounds as heterogeneous teams boost performance.²⁵

²² World Economic Forum, “Digital Skills Gap,” 2019.

²³ Euractive, “Skills Gap - An Economic Burden for the EU,” 2019.

²⁴ IDC.com, “Bridging the Talent Gap in Europe,” 2018.

²⁵ Forbes, “Diversity + Inclusion = Better Decision Making At Work,” 2017.

Connect people to your agency mission

Use your mission to grow and sustain your capabilities.

People connect to dreams. Over the last half-century, we have gained insight into how to measure, quantify, and analyse—yet in doing so, we suppress the importance of having a dream. We are all inspired by transformative movements and potential greatness. When we look to define a dream in our organisation, we start with a unique vision shared by a group of people and then infuse a team with that shared vision. Each initiative in our organisations can be connected to a dream—a shared vision or desired outcome—for a community to be inspired by and to pursue together.

Every agency and ministry has a distinct mission for its existence. Having a clear, simple directive, whether recruiting new talent or retaining your current employees, will help each individual and team align to a greater purpose.

One key action—become storytellers of your agency. Share your experiences, the work you do, and how that work impacts those you employ, as well as those you serve. Storytelling should be both an internal and external action to connect to the mission, engage, and attract talent.

Connecting your people to your mission

Know your audience: Take the time to understand your people and teams—what they connect to, what they want to achieve, and what they care about.

Make it relevant: Explain the vision, why it matters, and how their work contributes to the realisation of the vision.

Create meaningful relationships and experiences: To find inspiration with a mission, start with an individual's connection to it and the people they work with to accomplish it.

Reinforce daily: Emphasise the why through communication and behaviour modelling to keep the mission and vision front and centre for all to use as a guide.

How to close existing skill gaps

Inclusively source. Build, don't buy. Seek out "learning agile" people.

Build, don't buy.

There are 2 approaches to this method—develop internally and source potential. Companies who gain the competitive edge understand that it starts with knowing what they need to do to serve their customers. With this clarity, they act swiftly to bring in the right problem solvers to build solutions—or a service—for citizens. To act fast, they must know that they have the right teams available to achieve these goals.

What does this approach look like? Top consultancies, for example, build talent when they are on the bench.²⁶ When not assigned to a project, you will find these employees learning a new set of competencies. Those skills may be trained through a learning module or by assignment to a cross-functional team for hands-on development. Employees also become active in their own development. They seek out new areas of interest to learn and do not wait for a quarterly training day. Space is created for continuous learning and development. The differentiator is sourcing potential—not always going for the top candidate but rather looking for growth potential.

²⁶ Opensource.com, "Reconsidering Culture Fit," 2018.

The 5 dimensions of learning agility³¹

Mental agility: This looks like thinking critically to decipher complex problems and expanding possibilities by seeing new connections.

People agility: This looks like understanding and relating to other people to empower collective performance.

Change agility: This looks like experimentation, being curious, and effectively dealing with uncertainty.

Results agility: This looks like delivering results in first-time situations by inspiring teams and exhibiting a presence that builds confidence in themselves and others.

Self-awareness: This looks like the ability to reflect on oneself, knowing oneself well, and understanding how one's behaviours impact others.

Be inclusive in your sourcing.

Becoming a dynamic, inclusive organisation requires an organisational culture built on open principles. Only true diversity of thought can produce innovations at the level required to thrive today.

Building teams based on “fit” can actually create exclusive tribalism rather than what we actually intend: a sense of belonging. Employing hiring practices that seek talent from one primary background or educational institution will create exclusive environments that lack diversity of thought, even though they might represent good “culture fit.”

We want to have people from different walks of life, with different backgrounds, and with different mindsets, so we can collaborate and create unique solutions. Organisations should have no place for a “them versus us” mentality. Doing better together takes a variety of perspectives and experiences.

Technology companies across Europe are now focusing on underrepresented talent pools, female leadership roles, and diversity and inclusion hiring practices.²⁷ For open ecosystems—communities and other organisations—to stay true to their values, building heterogeneous teams can boost performance,²⁸ new ideas, and gain an advantage.

Seek out people who are “learning agile.”

Learning agility is a unique position that anyone can take²⁹, however, it has previously been dismissed as a skill that one would hire for. It is summarised as, “the capacity for adapting to situations and applying knowledge from prior experience—even when you don’t know what to do [...], a willingness to learn from all your experiences and then apply that knowledge to tackle new challenges in new situations.”³⁰

There are 5 dimensions³¹ of learning agility to assess for when recruiting for agile teams. Each of these essential elements unlock adaptability during rapid states of change. These dimensions become increasingly important as emerging technologies are on the rise and we examine reskilling and educational needs.

IT leaders who want to develop learning agility in their organisations will encourage their employees to take on new roles, work outside of their comfort zones, and celebrate mistakes and failures as learning opportunities.³²

²⁷ European Women in Tech, “Creating a Diverse and Inclusive Workforce,” 2019.

²⁸ Kellogg Insights, “Better Decisions Through Diversity,” 2010.

²⁹ CMO.com, “How-to Boost Learning Agility,” 2018.

³⁰ Opensource.com, “A Human Approach to Reskilling In The Age of AI,” 2019.

³¹ Opensource.com, “An Introduction to Learning Agility,” 2019.

³² Enterprisers Project, “6 Skills IT Leaders Need in the Age of AI,” 2019.

How to know when your project isn't really agile

Knowing what not to do is often as important as knowing the right approach. Here are warning signs to consider when trying to deploy agile methodologies.³³

Key flags that a project is not really agile:

- Nobody on the software development team is talking with and observing the users of the software in action; we mean the actual users of the actual code.
- Continuous feedback from users to the development team (bug reports, users assessments) is not available. Talking once at the beginning of a program to verify requirements doesn't count.
- Meeting requirements is treated as more important than getting something useful into the field as quickly as possible.
- Stakeholders (development, test, ops, security, contracting, contractors, end users, etc.) are acting more or less autonomously (e.g., "it's not my job.")
- End users of the software are missing-in-action throughout development; at a minimum they should be present during Release Planning and User Acceptance Testing.
- DevSecOps culture is lacking if manual processes are tolerated when such processes can and should be automated (e.g., automated testing, continuous integration, continuous delivery.)

Note: While targeted at software development, these warnings are relevant to any agile organisation.

Creating space to innovate

Many leaders understand the importance of addressing cultural change and process shift alongside the introduction of emerging technologies to digitally transform but struggle with the right way to get started.

Red Hat Open Innovation Labs [red.ht/labs] is a catalyst designed to do just that. Open Innovation Labs is an immersive residency that puts open source tools, open culture, and modern methods to work. Customer teams, comprised of IT and the business, collaborate and align on a real business need, develop an application prototype to meet that need, and immerse themselves in a new way of working to deliver more value to the business. Open Innovation Labs is an opportunity for teams to experiment with modern application tools, open methods, and open culture in a proven and secure environment to catalyze innovation to the business.

³³ Defense Innovation Board, "Detecting Agile BS," 2018.

Section IV: Resources for agile government

Agencies have many resources available to help them become more agile and attract top talent. Here are some references to help you get started:

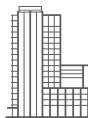
Open organisation resources

Find open organisation resources and The Open Organization book series at theopenorganization.org.

Find modern practices in the Open Practice Library: openpracticelibrary.com

Visit The Enterprisers Project, a community of CIOs discussing the future of business and IT, at enterpriseproject.com.

About Red Hat



Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.



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@redhat
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North America
1 888 REDHAT1
www.redhat.com

**Europe, Middle East,
and Africa**
00800 7334 2835
europe@redhat.com

Asia Pacific
+65 6490 4200
apac@redhat.com

Latin America
+54 11 4329 7300
info-latam@redhat.com