

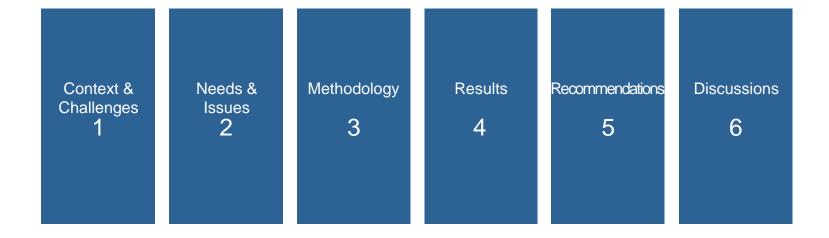
Digital's impacts on work and occupational health (Aix * Marseille universite

S. Leduc, A. Pr, Ph. D., Eur. Erg. ® Innovorg2017.fr – 2017/03/30

Presentation Outline

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2017/03/30



Context & Challenges

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Digitalization: Replacement current/past tool by ICT in workplace

From informatics management to information production





Any economics fields

"To give sense and enjoy life at work"

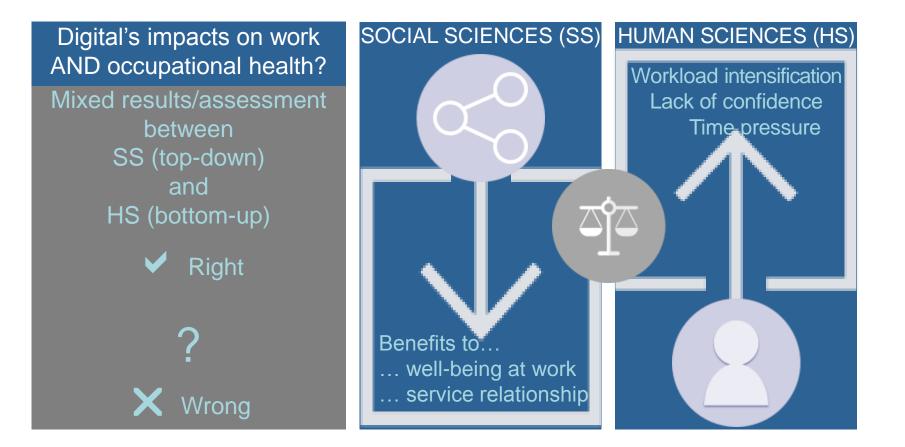


Conseil National du Numérique

Needs & Issues

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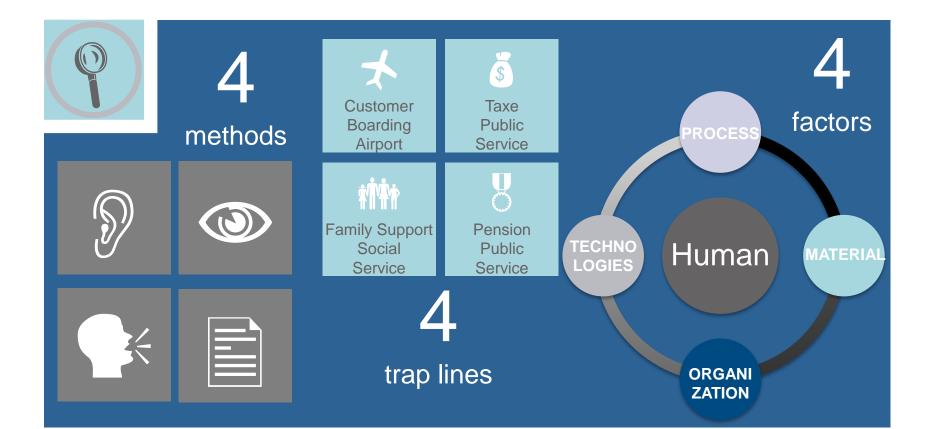
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Methodology

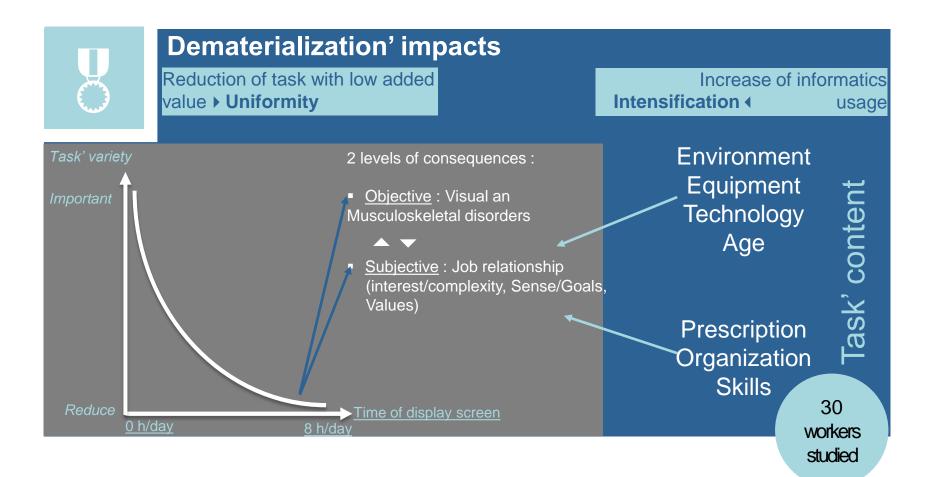
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Categorization of iPad ® users' profile 60 workers studied **PROPONENTS MODERATES** REFRACTORIES 25% 50% 25% Few usages of ICT outside ICT' adopters Mainly ICT use at work iOS familiar work context Practices standardization Interested beyond job practice Efficiency at work based on Innovative usages personal job core skill Tool perceived as half addedvalue but in favour to adopt it Tool consideration as a in following work prescription Tool enter in direct benefit to the service confrontation with process and work organization from relationship, an added-value to service quality their standpoint

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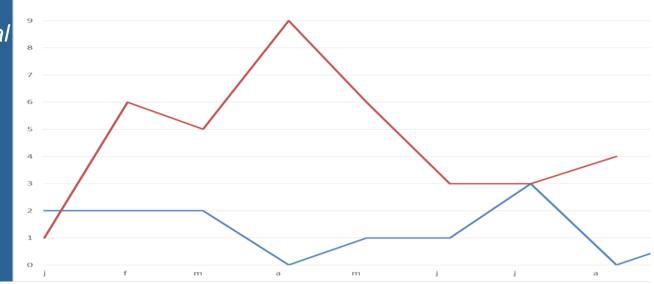


Social effects on customer relationship

From diversity of case studies to complex issues that may lead to violence

Number of external violence events in 2015 (blue) and 2016 (red)

20 workers studied



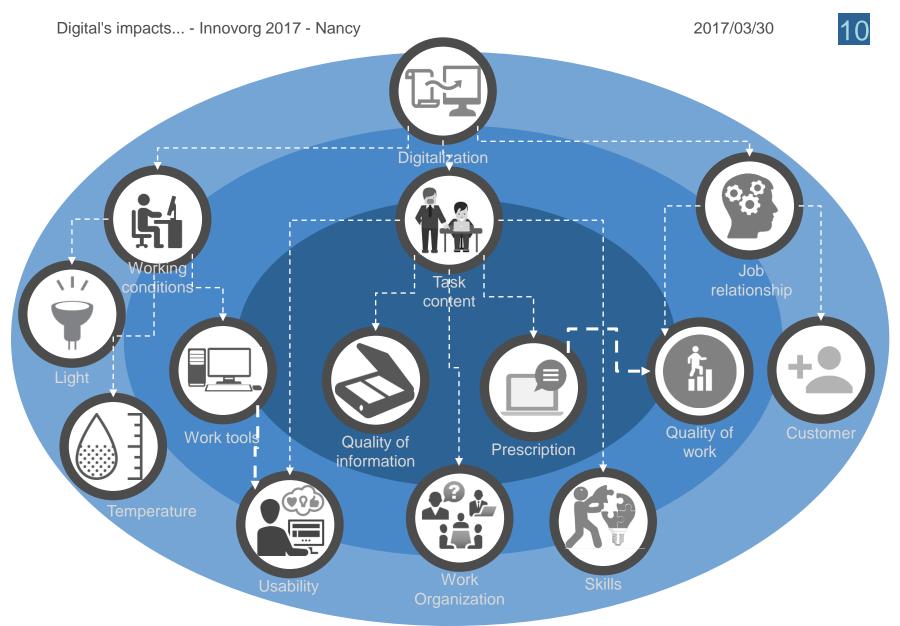
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Cognitive effects of dematerialization and double screen' usages \$ From document analysis to documentary completion by disclosure data GO-R **•• BB 🔗 🖗 🗹 🖕 Tarenta 🛛 🤹 · Enfants mineurs non maries, ou handicapés (code F) Pontal applicate dont titulaires de la carte d'invalidité (code G) Personnes invalides vivant sous votre toit (code R). Ø GUENON GENEVIEVE MARIE MAD., # Enfants mineurs ou handicapés en résidence alternée (code H) 19 bélde Lainort dont titulaires de la carte d'invalidité (code l) : 40 595 204 167 397 A RATTACHEMENT D'ENFANTS MAJEURS OU MARIÉS Enfants célébataires majeurs sans enfant (code J) : Enfants majeurs mariés/pacsés ou enfants non mariés chargés de famille (code N) : et leurs enfants en résidence alternée (code P): - 41 MME QUEMON GENEVIEVE MARIE MADELEINE JULI Née QUEMON 584 rate in 15-02 - 12 AFT 72 BD DF L RLMONT TTUDO MEL ۰ 2 fersonnes à charge DÉTAIL DES REVENUS ET CHARGES Code Libele Montant en euros Ŷ ising - Declarant I levenue 21R deja soumie aux P0 avec CSG deducti O Trailonant 35-0000 - PERP - Vénfer la saisie des codes correspondent au PE 23 india d'impot prelevement forfait, deja verse ю indendes opmant drait a abaltement 200 116 Produito de placament a revenu fixe same aluat Connées de la personnel Situation de famille tuo Done aux personnes en difficulte 2.0 These pairs because in a RFR 2011 Interfeliation have revenued 21710 RFR 2012 (contribution have NB. 21480 serve de reference 2010 50 203 200 nvenu facal de reference 3011 12 7/0 71,87 56 60 orden de codes saisie 22309 EYR 815 81.0 21486 618 Parland PERP 2012 - Declarant 1 3431 3464 3409 en, 22509 3700 OPS Pational PERP non utilize 2010 - Declarant Plational PERP non-utilise 2011 - Declarant 1 3601 National PERIP non-utilize 2012 - Declarant 1 Judier Enterer Fergelt Valder in 20 👩 forbel application - 🧭 Decument declaration - 🧱 🌆 📑 copie decanced - Son - 🍢 B. Owe Tare 1. 2004. 18 × 91 () 1540

workers studied



Recommendations

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From work adaptation to transform condition of work exercise

How to build a work capacitive environment?

1.To identify capabilities and its limits (Zone of Proximal Development)
2.To bring situated social and cognitive resources (colleagues, tutorial, on-line support)
3.To follow the real usages (on-line indicators, log-files)
4.To adapt work organization and tools

Toward a new framework of work organization definition based on agility

Discussions

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Changes introduce by digitalization...

... founding units of work relationship (time, location, task, knowledge)

... limits of management models (from ordering chief to coach, personal facilitator, regulator)

... collaboration between workers and working group

... organizational flexibility in face of quick, continue technological changes

... perimeter and content of quality of life at work

FEBC Conference

Workers and Creativity : How to improve working conditions by participative methods?

Brussels, June 26 & 27, 2017









