



"Countries that do not fully capitalize on one-half of their human resources are clearly undermining their competitive potential"

Augusto Lopez-Claros, Chief Economist , Director of the Global Competitiveness Program , WEF 2005

Women and Technology in the Digital Age – a new model for global multistakeholder collaboration

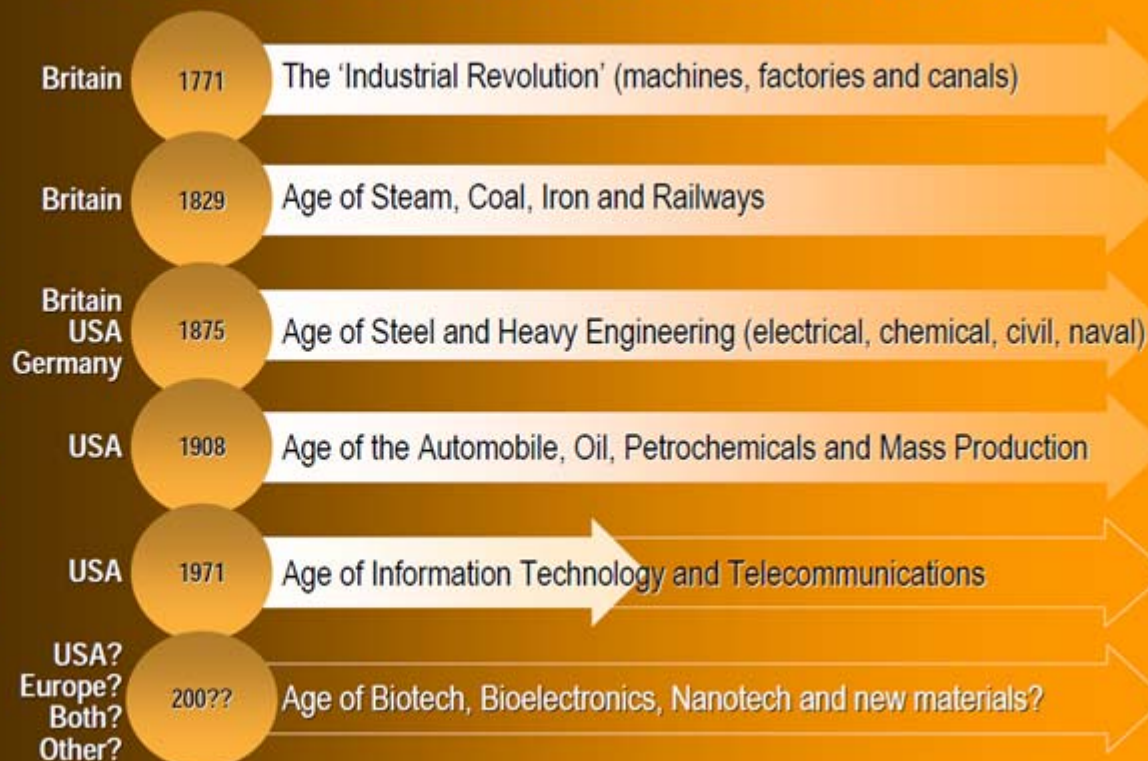


*"The current crisis is not an accidental event in the financial system;
the collapse marks a structural shift in the alignment of
forces guiding growth and innovation.
If history is a guide, a global golden age may lie ahead!"*

Prof. Carlota Perez, Growth after the financial crisis, June 2009, IPPR Seminar



FIVE TECHNOLOGICAL REVOLUTIONS IN 240 YEARS



A structural paradigm shift

- Beyond consumption
- From products (1970) to transformations (2020)
- From a needs driven towards a context driven economy and more systems approach
- More co-dependent society
- More social innovation



Why is now the time for tipping the world towards gender equality ?



Signatories of the Code of Best Practices



- Arguments have shifted from *social injustice* to *economic necessity*, growth and competitiveness
- Legal and policy imperatives on all levels and in different sectors
- Evidence showing that companies with women in leadership position are more successful both in Europe and the US
- Private sector commitment has moved from 'good will' to 'bottom line'



A Global Multi-stakeholder Network



Networking

Initial meeting
Baltimore
12-14th June 2005



Knowledge Sharing

Formation meeting
Paris
15-18th November 2006



Action Planning

Action meeting
Kuala Lumpur
9-10th December 2007



10 Regional Centres – Single Point of Contact



Sustainable Development &
Green Growth



An online learning program for women
entrepreneurs of all ages and cultures

www.mysmartgreen.com

Sustainable practices to mainstream women
in the knowledge economy

www.apcwt.org

CÁTEDRA REGIONAL UNESCO
Mujer, Ciencia y Tecnología en América Latina

Foro de Desarrollo de las Naciones Unidas para la Mujer
UNIFEM

IOIT
CINTERFOR
ORGANIZACIÓN INTERAMERICANA DE FOMENTO

awid
UNFPA



Key Tools

Policy and actions

Research and
Impact Metrics

Resources and
Services development

Dissemination and
Collaboration

Context and Culture

FOCUS AREAS

Leadership

Entrepreneurship & Innovation

Workforce

Education

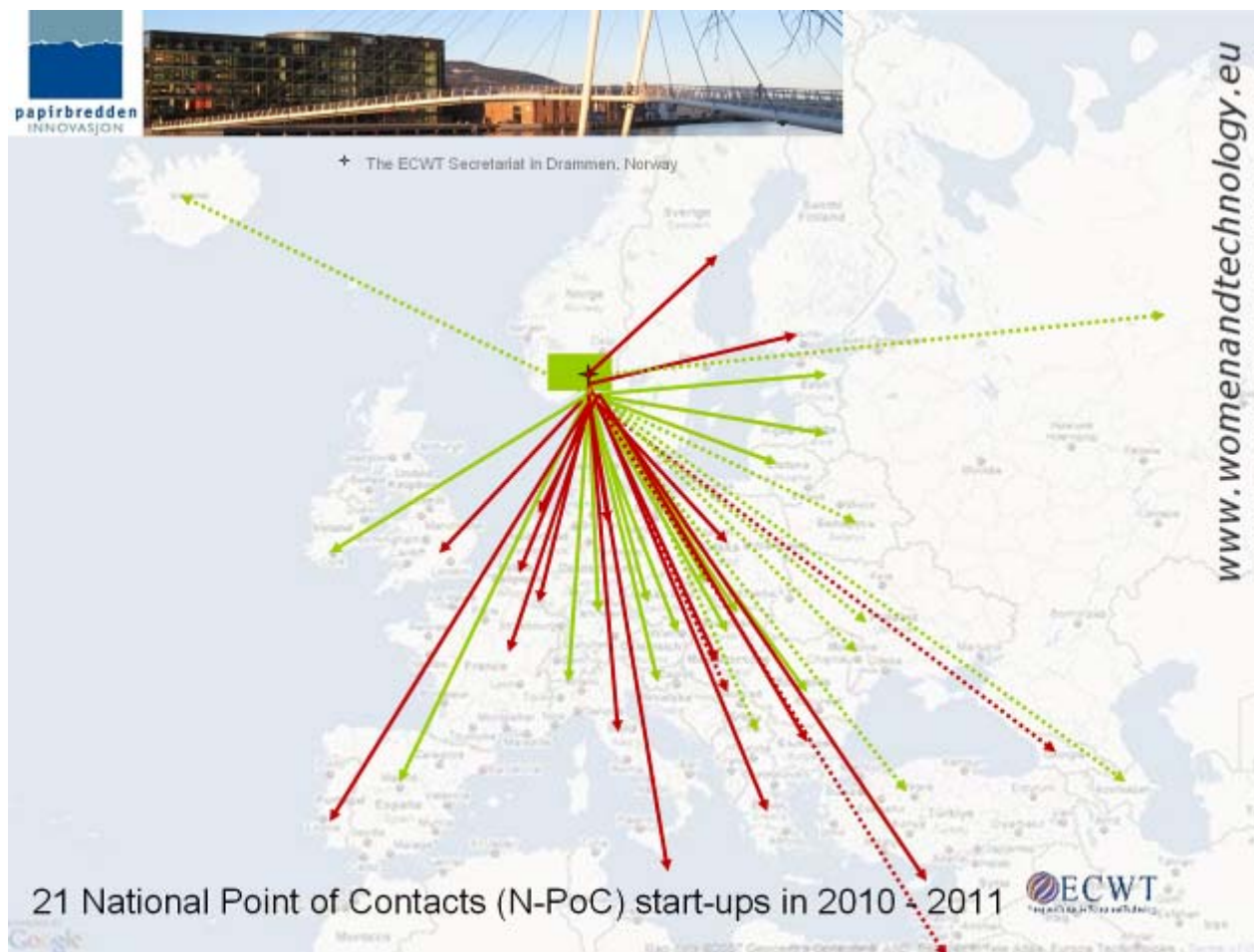
Members 2010

Public	Private	Academia	NGOs	European level organizations
<p>Hungarian National Association of Local and Regional Authorities</p> <p>Risorse Donne - The Province of Venice</p> <p>Swedish National Authority of Growth</p>	<p>Across Limits Ltd Malta</p> <p>EPA Consultancy, Israel</p> <p>Equaltec, UK</p> <p>Europa One, Belgium</p> <p>Hewlett Packard</p> <p>Implementek, Serbia</p> <p>Inova Consultancy, UK</p> <p>Net Consulting, Italy</p> <p>NOKIA</p> <p>Papirbredden Innovasjon, Norway</p> <p>Portia, UK</p> <p>Prolog GmbH, Switzerland</p> <p>PROMIS@Service Sarl, Luxembourg</p> <p>SAP</p> <p>SAP Belgium</p> <p>SAP Research</p> <p>Steinbels Europa Zentrum, Stuttgart, Germany</p> <p>Victoya, France</p> <p>Zen Digital Europe</p> <p>YTKO- UK, France, Greece</p>	<p>Aristotilian University of Thessaloniki, Greece</p> <p>Dimeb – TZI, University of Bremen, Germany</p> <p>Fondazione Politecnico di Milano, Italy</p> <p>Kapodistrian University of Athens, Greece</p> <p>Karlsruhe Institute of Technology (KIT) IMI</p> <p>Scuola di Robotica, Italy</p> <p>The Destree Institute, Belgium</p> <p>Tilburg University, Special Chair in Humanism and Digital Society, The Netherlands.</p> <p>University of Georgia</p> <p>University of Pannonia, Veszprem, Hungary</p>	<p>Associacio Serpentina, Portugal</p> <p>Associazione Donne e Tecnologie, Milano, Italy</p> <p>BWA - Bulgarian Web Association</p> <p>EWMD Portugal</p> <p>FWE – Foundation of Women Entrepreneurs, Malta</p> <p>Global Forum, France</p> <p>Hungarian Science & Technology Foundation</p> <p>ICST - The Institute of Computer Sciences, Social Informatics and Telecommunication Engineering</p> <p>ISTC Georgian Branch</p> <p>JUMP, Belgium</p> <p>MINTIFF, Germany</p> <p>Polish Professional Informatics Society</p> <p>UKRC, UK</p> <p>VHTO, The Netherlands</p> <p>WITEC Hungary</p> <p>WITEC Spain</p> <p>WITEC The Netherlands</p> <p>Womenintechology.co.UK</p>	<p>CEPIS - Council of European Professional Informatics Societies</p> <p>EUN - European Schoolnet</p> <p>EWMD - European Women's Management Development Network</p> <p>WIGSAT, Canada</p> <p>WITEC Europe</p>

Collaborating partners: DG INFSO, DG Enterprise & Industry, EeSA



European Centre for Women and Technology (ECWT)





High-level Advisory Committee



Microsoft



SAP



accenture



CompTIA



GLOBALCONTACT



N-PoC Norway



Public	Private	Academia	NGOs	Press& media
<ul style="list-style-type: none"> •Buskerud Fylkeskommune •Innovasjon Norge •Norges Forskningsråd •Kongsberg's Chamber of Commerce •Barne- og Likestillingsdepartementet •Forsknings- og høyere utdanningsdepartementet •Fornyings- og administrasjonsdepartementet •Nærings- og handelsdepartementet •Kunnskapsdepartementet •Næringshagen i Kunstnerdalen •Oslo Kommune •Telemark Fylkeskommune •Vestfold Fylkeskommune 	<ul style="list-style-type: none"> •Accenture Norway AS •DRIV Inkubator •eKoR AS •EZ System AS •GATSoft •Microsoft Norway •Opera AS •Papirbredden Innovasjon •Security & Risk AS •Simula School of Research and Innovation AS •Telenor AS 	<ul style="list-style-type: none"> •BI Oslo •BI Drammen •Høgskolen i Kongsberg Avd for teknologi •Høgskolen i Hedemark •NTNU •Universitet i Oslo •Naturfagsenteret, MN-Fakultet, Universitetet i Oslo •Universitet i Tromsø 	<ul style="list-style-type: none"> •Dataforeningen •Female Future •Friprog •IKT Grenland •IKT Norge •IT Arena •Jenter og Data •Od@ Nettverk •NHO •NTH •NTU •Ressurshuset Østfold •SINTEF IKT •TEKNA •TENK •TEL -TEK 	<ul style="list-style-type: none"> •Aftenposten •Dagens Næringsliv •Drammens Tidende •Internet

1st N-PoC started the 30th of September 2009



SAP RESEARCH



Under start-up!

N-PoC Germany

Public	Private	Academia	NGOs	Press & media
<ul style="list-style-type: none"> •BITKOM •Bundesministerium für Bildung und Forschung •Bundesministerium für Wirtschaft und Technologie •Bundesministerium für Familie, Senioren, Frauen und Jugend •Confederation of Baden Württemberg Employers Association •VDE 	<ul style="list-style-type: none"> •Alcatel-Lucent •Bosch •BP •CISCO Systems •DaimlerChrysler •Deutsche Telekom •Dimeb •Fraunhofer Gesellschaft •Fraunhofer AIS •Fujitsu Siemens •German Telecom plc AG •IBM Deutschland •INTEL •Microsoft Deutschland •Porsche •SAP •Steinbeis Europa Zentrum •ThyssenKrupp 	<ul style="list-style-type: none"> •Fachhochschule Bielefeld – University of Applied Sciences •Helmut Schmidt Universität Hamburg •Hochschule Furtwangen •KIT-IMI •RWTH Aachen •TU Berlin IWF •TU Braunschweig •TU Dresden •Universität Bremen TZI •Universität Kassel - IFU •Universität Stuttgart 	<ul style="list-style-type: none"> •DAB Inc.German Association of Women Academics •Deutsche Telekom Stiftung •dib Inc. the German Society of Women in Engineering •FEMTEC •INET Inc. International Network for Training •Initiative D21 •Kom, mach MINT •Kompetenzzentrum Technik –Diversity-Chancengleichheit •Netzwerk Frauen Innovation Technik (FIT) •NUT Women in Natural Science and Technology Inc. •Piona Point Inc. -Network for gendersensitive IT-Qualifikation 	<ul style="list-style-type: none"> •ComputerZeitung •Die Zeit



N-PoC Spain



Under start-up!

Public	Private	Academia	NGOs	Press& media
<ul style="list-style-type: none"> •Ministerio de Industria, Turismo y Comercio •Ministerio de Educación y Ciencia •Ministerio de Trabajo Inmigración 	<ul style="list-style-type: none"> •CISCO •EVERIS •Fundación Telefónica •IBM •INDRA •Microsoft Iberica 	<ul style="list-style-type: none"> •IE Business School & Mujer, Empresa y Tecnología (MET) •Universidad Autónoma de Madrid •Unidad Politécnica de Cataluña (UPC) •Unicersidad de Zaragoza – Centro Politécnico Superior 	<ul style="list-style-type: none"> •AETIC •AGORA Barcelona •AMIT-Asociación de Mujeres Investigadoras y Tecnólogas •Asociación Universitaria de Estudios de las Mujeres •Cambra de Comerc de Barcelona •FECYT •FTI –Fundación Tecnologías de la Información •El Instituto Andalusia de la Mujer •ICD - El Instituto Catalan de la Mujer •Instituto de la Mujer •Mujeres Científicas y Técnicas •Mujeres en los sistemas de Ciencia y Tecnología, Universidad de Cantabria •Mujeres y Ciencia •MUCIT •Observatori Dona Empresa Economia •Unidad Mujeres y Ciencia •WITEC Spain 	



N-PoC Switzerland

Under start-up



Public	Private	Academia	NGOs	Press& media
<ul style="list-style-type: none"> • Bundesamt für Berufsbildung und Technologie – BBT • Bundesamt für Statistik - BFS, Sektion Bildungssysteme, Wissenschaft und Technologie • CTI /KTI • Conférence des Recteurs des Universités Suisses (CRUS) • KTH • Schweizer Informatik Gesellschaft • Swiss Informatics Society • Swiss National Science Foundation • UNESCO Schweiz 	<ul style="list-style-type: none"> • Accenture • CISCO Switzerland • EBAN • Go Beyond Ltd. • IBM • Hewlett-Packard Company • Orange • Senarclens Leu & Partner AG • Siemens Fujitsu • Swiss Productivity Institute • SWICO • SWISSMEM 	<ul style="list-style-type: none"> • CeBITec • Dep. Computer Science ETH Zürich • Dep. Informatik ETH- Zentrum Institute f. Pervasive Computing • Dep. Mathematics, ETH Zürich • D-INFK ETHZ • Ecole Polytechnique Fédérale de Lausanne • ETH Zürich • FF ETH Zürich • Informatik Berufsbildung Schweiz (I-CH) • Kompetenzzentrum Gleichstellung bei der Genossenschaft • National Center of Competence in Research in Mobile Information and Communication Systems • University of Bern, Gender Equality Section • University of Fribourg, Service de l'égalité entre femmes et hommes • University of Bern • Universität Fribourg • Université Lausanne • Universität Luzern • Universität Zürich, Vorstand ICT Switzerland 	<ul style="list-style-type: none"> • CeTT - Centre d'Etudes et de Transferts Technologiques • Diversity CTI KTI • Donna Informatica • «Mädchen werden Informatikerinnen» • Nationaler Tochtterttag • Verein Femdat • Schweizerischer Verband der Akademikerinnen • Stiftung Produktive Schweiz • Swiss-American Council of Women • Swiss Information Society • Verein der Informatik ETH Zürich • World Economic Forum 	



The European Directory (EUD)
<http://www.ictwomendirectory.eu>

1. Regional Mapping
of
Stakeholders &
Resources

6. European level
Research & Business
partnership projects
accelerating
Technology 2 Market

2. European level and
national e-Skills Awareness
Raising Actions
&
European Skills Pact

ECWT-
Single Point of Contact
for Women in Technology
in Europe

5. Support to
female entrepreneurs
to speed up
commercialization of
ICT businesses

3. European e-mobility
program
for girls and women in ICT

4. European level
benchmarking
and monitoring of
Best Practices of
Women in ICT

www.womenandtechnology.eu



Web Technology	Web Community	Web Business
Basic Principles: <ul style="list-style-type: none"> • Collaboration-ware • Ecospace - process oriented collaboration • Extensible: interoperability multilingual, multipurpose • Multilevel and strict authentication • Easy to use 	Basic Principles: <ul style="list-style-type: none"> • Structured community building by a critical mass of empowered users • Collaboration across regions, across sectors, across scales, across times, across and within stakeholders • Multi-stakeholder and multi-sector interaction • Full transparency • IPR 	Basic Principles: <ul style="list-style-type: none"> • Compliance • Social innovation • Open business model
Core philosophy: <ul style="list-style-type: none"> • Web-as-platform • SaaS 	Core philosophy: <ul style="list-style-type: none"> • Collectively designing a structured megacommunity knowledgebase • Users contributing to marketing, dissemination and leveraging of resources, research and progress 	Core philosophy: <ul style="list-style-type: none"> • People and technology interaction (context) driven services



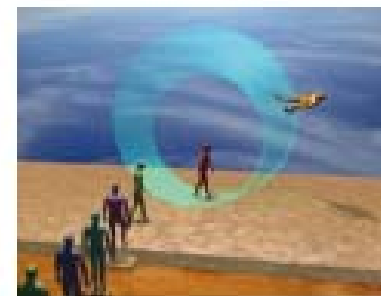


International Taskforce on Women and ICTs

www.itfwomenict.org



**Cyberellas
are
IT!**



<http://www.womenandtechnology.eu>

<http://www.ictwomendirectory.eu>