



BIO – EL FUTURO HOY

ORLANDO AYALA

Microsoft®

*PRESIDENTE MERCADOS EMERGENTES Y
JEFE DE ESTRATEGIA PARA LA COMPETITIVIDAD
NACIONAL.*

EL CUARTO PARADIGMA

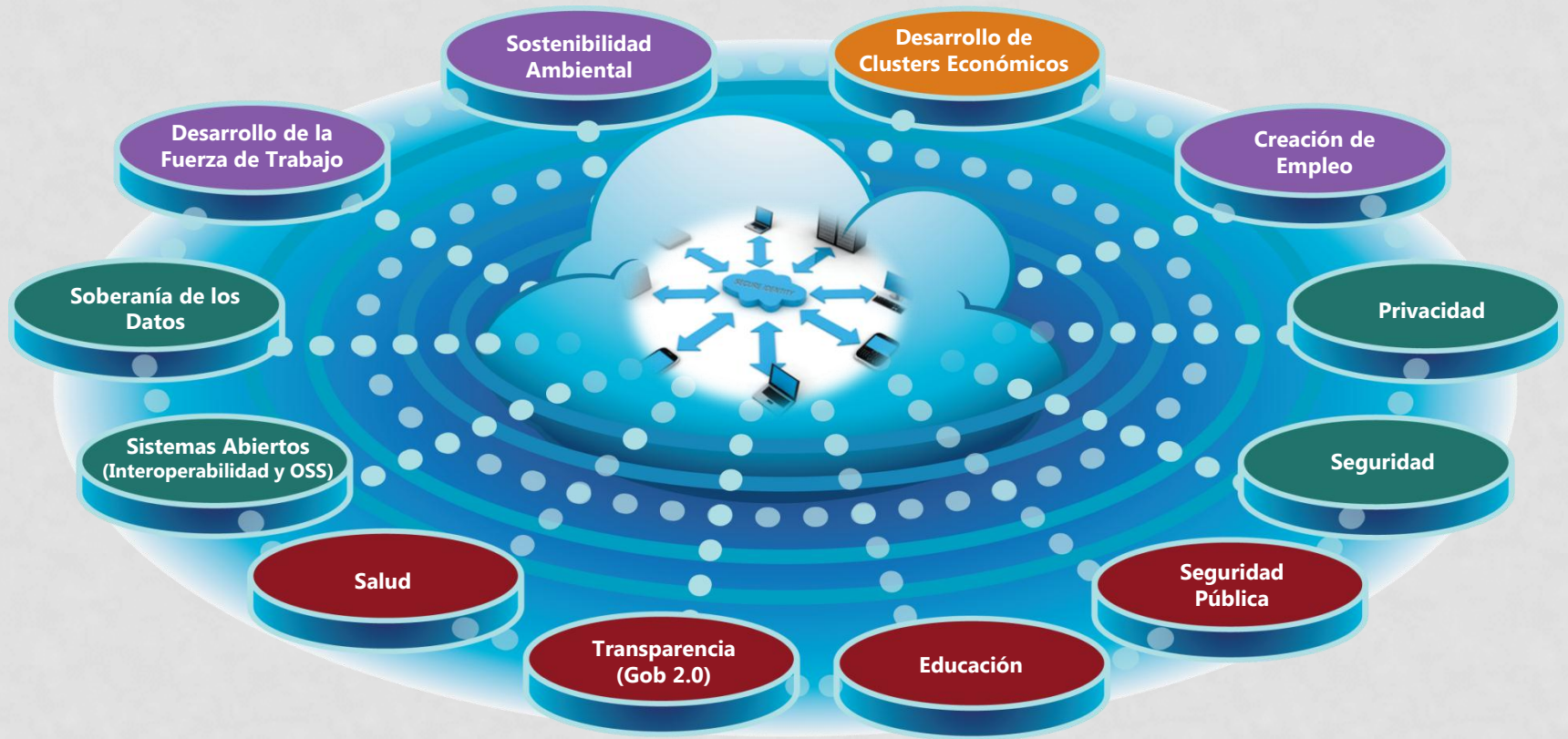
Servicios de Software



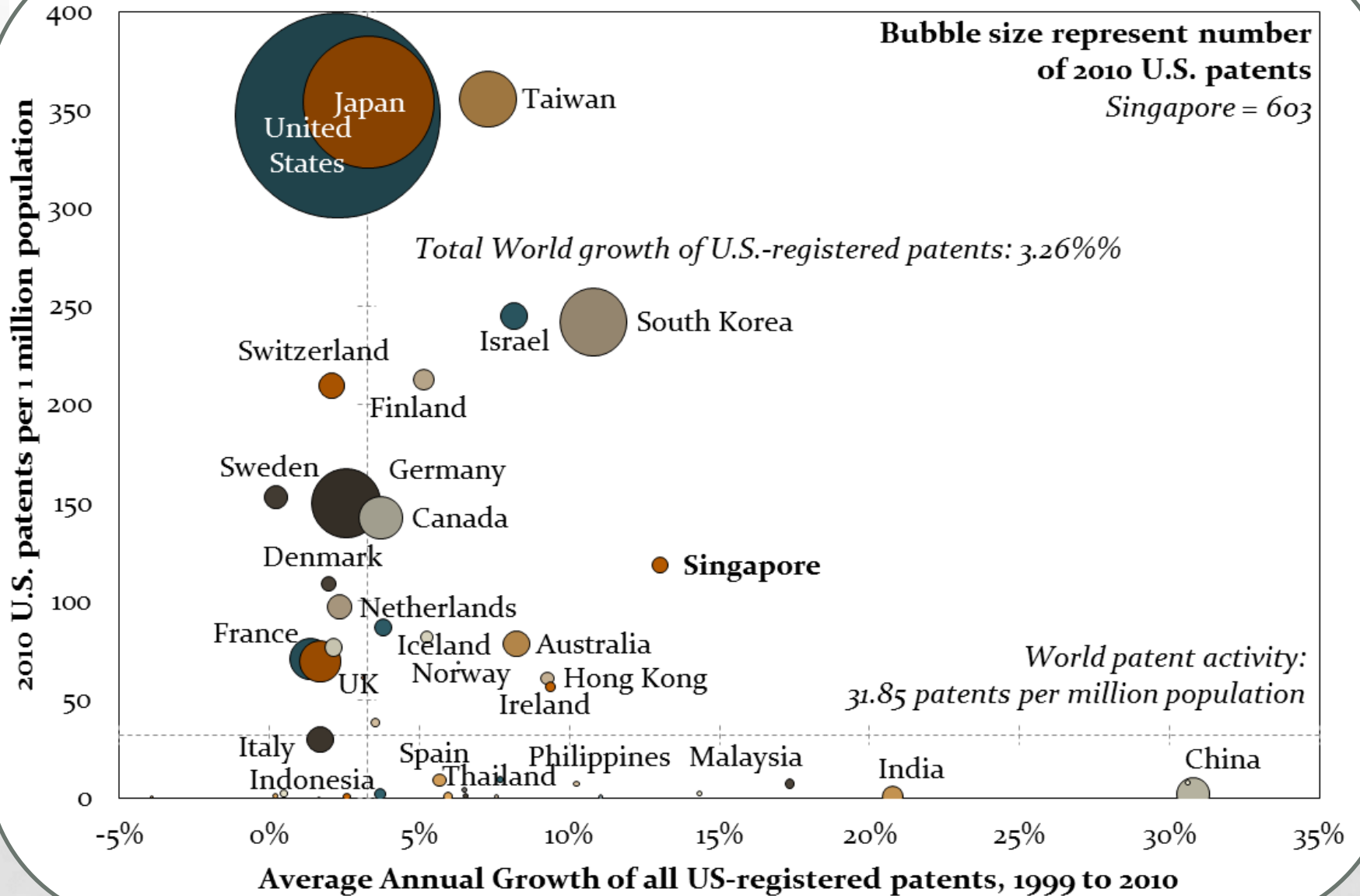
Comp

**Innovación sin
Precedentes!!!**

IMPACTO A GRAN ESCALA



Modelos Públicos- Privados



Source: Lee Kuan Yew School of Public Policy

<http://research.microsoft.com/en-us/projects/bio/mbf.aspx>



.NET Bio (formerly Microsoft Biology Foundation)

[Microsoft Biology Initiative](#) | [.NET Bio \(formerly Microsoft Biology Foundation\)](#) | [Microsoft Biology Tools](#)



.NET Bio 1.0

.NET Bio (formerly Microsoft Biology Foundation [MBF]) is a language-neutral bioinformatics toolkit built as an extension to the Microsoft .NET Framework—initially aimed at the area of Genomics research. Currently, it implements a range of parsers for common bioinformatics file formats; a range of algorithms for manipulating DNA, RNA, and protein sequences; and a set of connectors to biological web services such as NCBI BLAST. .NET Bio is available under an open-source license.

- [Download .NET Bio for free from Codeplex](#)

Register for the .NET Bio Workshop

Learn how to build your own bioinformatics application. December 5-6, 2011, Redmond, Washington.

- [Register now](#)

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Agenda Bio-Colombia

Cinco Recomendaciones:

- **Mega High Performance Computing Center**
Banda Ancha 100MB/s B-Clusters/Hubs
- **La mejor red internacional de redes de Bio**
- **Mega Bio proyecto en “Big/Open Data”**
- **Cluster de Desarrollo de Bio Software.**
Público-Privada – Universidades.
- **Capital de riesgo para proyectos estratégicos**
de Bio emprendimiento.



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