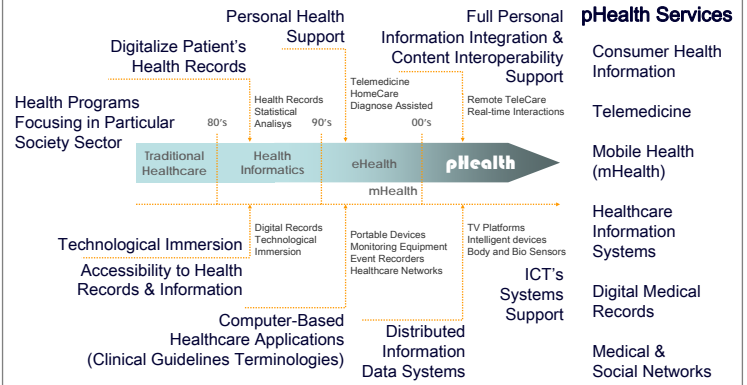


### Motivations

- Integrate Health Monitoring Systems, Wearable Sensors and Easy-Handy and Daily End-User Devices to Obtain Health Care Status Everywhere People Moves.
- Provides ICT's Support to Early Assistance, Quick Response when Symptomatic Diseases are Detected by Local and Remote Monitoring Analysis, Provides More Accurate Diagnostics to Patients and also Provides Monitoring Progress of Diseases.
- Investigate both the pHealth Systems Requirements and the Necessary ICT Support to Interconnect in Secure and Reliable Forms Device-Based Health Care Applications and ICT systems.

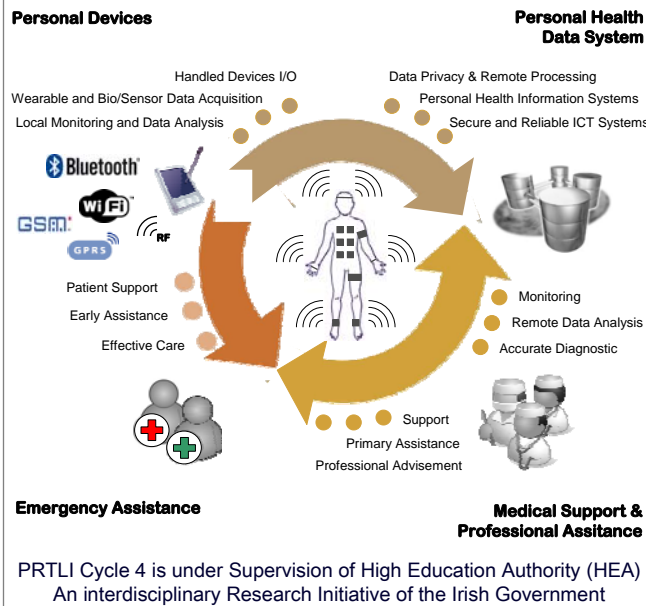
### Evolution



### Objectives

- Personalized Health Care Programs According to Individual Requirements.
- Use of Information from People's Wearable Sensors and Easy-Handy Daily Use Devices.
- Integrate Support Health Monitoring Systems in People Activity.
- People's Mobility and Daily Life Activity not Affected.
- Provides ITC's Support Offering Complementary and Comprehensive Health Services.

### Personalized Health Care Perspective



### Research Plan

- Phase 1  
End User Handled Devices Applications with ICT's Support.  
- Local Analysis.  
- Local Statistics.  
- Self-Care Education.
- Phase 2  
Communications Networks. Relevant Health Statistics.  
- Quick Assistance.  
- Adequate Advisements.  
- Sensor Data Acquisition.
- Phase 3  
Integrated Support Health, Monitoring & Communications systems to Support.  
- Global Statistics.  
- Wide Health Data Systems.  
- Adaptive Communications

### Applications

- Diabetes Management
- Hypertension Management
- Asthma Management
- Re-focus on Self-awareness
- Possibilities to Include Context and Social Networking

### HEA Serving Society

#### Future Comms Project: pHealth Research Phases Approach

Research Phase	Data Acquisition Method	Health Data Use	ICT Infrastructure	Applications
Phase 1	Patients Input	Local Analysis	Communications Support	Remote Monitoring Home and Office Access Control
	Handled Devices I/O	Local Statistics		
	Technology Support			
Phase 2	Sensor Data Acquisition	Local Analysis	Network Reaction Based on Relevant Health Information	Remote Monitoring Home, Office and Eventually Specific Hospitals
	Handled Devices I/O	Regional Analysis		
	Technology Support	Local Statistics		
Phase 3	Wearable and Bio-Sensors Acquisition	Local & Global Analysis	Network Adaptive Processes Based on Health Information	Remote Monitoring and World-wide Access for Professionals
	Handled Devices I/O	Local & Global Statistics		
	Technology Support			

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### Future Work and Activities

- pHealth Systems Promote People Engagement for a Self-Management Healthcare Culture.
- pHealth Systems Design Involves an End User Participatory Model. Patients Pro-Activeness and Technology Advances Interaction.
- pHealth Systems is an Interdisciplinary. Patients Pro-Activeness and Technology Advances Interaction.