

List of Contents

Executive Summary	i
List of Contents	iii
List of Tables	iv
List of Figures	v
The Telematics Applications Programme	1
Assessment of the Telematics Applications Programme - The ASSENT Project	1
The ASSENT Project Consortium	2
1. Telematics for Healthcare	3
1.1. Aims and Objectives of the TAP Sector 'Telematics for Healthcare'	5
2. Results and Achievements	6
2.1. Sector Participation and Goals	6
2.2. Enhanced Competitiveness of European Industry	6
2.3. Increased Generation and Diffusion of Techno-economic Knowledge	7
2.4. Widespread Socio-economic and User Benefits	7
3. Healthcare Sector Contributions in Europe	9
3.1. Area 1: Electronic Healthcare Records	11
3.2. Area 2: Telematics Applications for Collaborative Work of Health Professionals	12
3.3. Area 3: Medical Imaging	13
3.4. Area 4: Continuity of Care	14
3.5. Area 5: Telemedicine	15
3.6. Area 6: Information for Citizens	15
3.7. Area 7: Cohesion/Education, Regulatory Issues, and Assessment	16
3.8. Area 8: New IC Technologies for Health	17
4. Economic and Social Impacts of the 'Telematics for Healthcare' Sector	18
4.1. Enhanced Competitiveness of European Industry	18
4.2. Increased Generation and Diffusion of Techno-economic Knowledge	25
4.3. Widespread Socio-economic and User Benefits	29
5. Conclusions and Recommendations	35
Annex 1: Results of the Second ASSENT Survey	39
Number of Projects Surveyed	39
Sector Participation and Goals	40
Annex 2: List of Projects Included in the Second ASSENT Survey	44

List of Tables

Table 4-1:	'Outputs' achieved or expected to be achieved	20
Table 4-2:	Perception of Standards as a Technical Problem for Healthcare Projects 21	
Table 4-3:	Intention to Develop a Commercial Application after Project Completion	22
Table 4-4:	Importance of market related factors for future commercialisation of RTD&D results	23
Table 4-5:	Importance of Legal and Regulatory Issues for Future Commercialisation of RTD&D	23
Table 4-6:	Medium Term Impact Expectations of Project Results on Knowledge Generation and Diffusion	26
Table 4-7:	Project Consortia Role after Completion of 'Telematics for Healthcare' Projects 28	
Table 4-8:	Consequences of the Absence of EC Funding	30
Table 4-9:	Users of Results of 'Telematics for Healthcare' Projects within One Year of Project Completion	32
Table 4-10:	Dissemination Activities Reported by Project Coordinators	33
Table 4-11:	User Partners' Perceived Technical and Non-technical Barriers and Problems	34
Table 4-12:	User Partners' Desire to Influence the Main Specifications by Participating in the Project	34
Table A1-1:	Type and Frequency of Principal Market Sector	41
Table A1-2:	Project Participants' Estimate of Share of Person Months Expended for the Project	41

List of Figures

Figure 4-1:	Objectives of projects as seen by coordinator	19
Figure 4-2:	Benefits of RTD&D Expected within One Year of Project Completion	20
Figure 4-3:	Lessons for 'Best Practices' indicated by Coordinators (responses of 'some lessons' and 'many lessons')	21
Figure 4-4:	Contributions of Non-technical Factors Addressing Skills Issues to Problems in HC Projects Perceived by the Participants	24
Figure 4-5:	Sources of Knowledge, Tools and Components used in 'Telematics for Healthcare' Projects	27
Figure 4-6:	International Collaboration by Coordinators and Partners	29
Figure 4-7:	Non-sector Specific Objectives Incorporated in 'Telematics for Healthcare' Project Work Plans	31
Figure 4-8:	Benefits expected within one year after project completion	32
Figure A1-1:	Types of Organisations Represented by Respondents	40
Figure A1-2:	What Does your Organisation Aim to Achieve by Participating in this TAP Project?	42
Figure A1-3:	User Involvement in 'Telematics for Healthcare' Projects Compared to the Overall TAP	43