



# Governance of Comprehensive Cancer Care - Das iPAAC-Arbeitspaket 10

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**hetict**  
information systems experts

**TECHNISCHE  
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DRESDEN**

# URSPRUNG: VON CANCON ZUM WP10



Work Package 6: Integrated Cancer Control

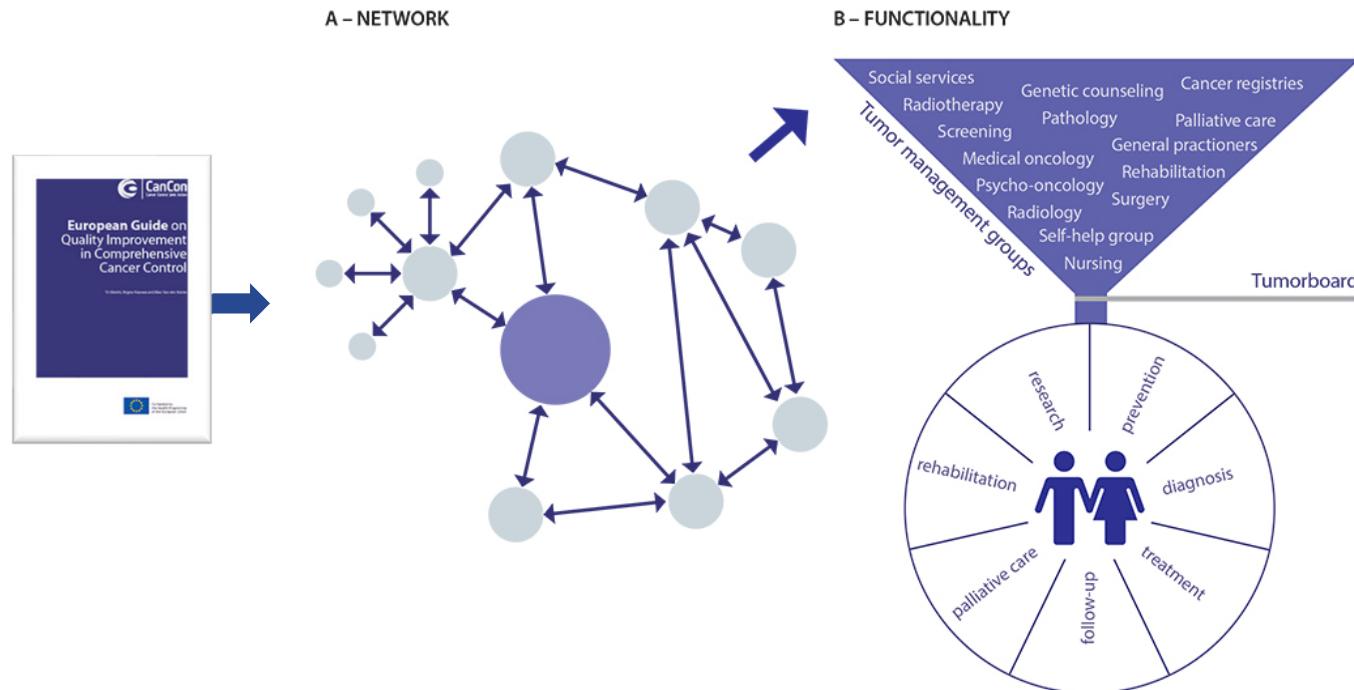
## Integrated cancer control: the case for comprehensive cancer care networks (CCCN)

Tit Albreht, Camilla Amati, Angela Angelastro, Marco Asioli, Gianni Amunni, Ana Molina Barceló, Christine Berling, Augusto Caraceni, Vittoria Colamesta, Keith Comiskey, Fiona Conroy, Mary Hynes, Maeve Cusack, Lois O'Connor, Daniela D'Angelo, Ladislav Dusek, Stein Kaasa, Christoph Kowalski, Yulan Lin, Antonio Federici, Fotios Loupakis, Giuseppe La Torre, Lucio Luzzatto, Ondrej Majiek, Giovanni Nicoletti, Giuseppe Pasqualetti, Rosana Peiró Pérez, Alessandra Pigni, Cheti Puccetti, Elio Rossi, Milena Sant, Julien Tognetti, Annalisa Trama and Simone Wesselmann



# URSPRUNG: VON CANCON ZUM WP10

## Aufbau und Betrieb eines Comprehensive Cancer Care Networks (CCCN):



### Empfehlungen aus CANCON WP6:

- Establishment of **tumour management groups (TMG)**
- Tumour-based **multidisciplinary and multi-professional TMG's**
- Defined **patient pathways** for the entire chain of health care must be put in place
- Definition of uniform **standard operating procedures** which comply with evidence-based guidelines
- Assessment of quality of care through **quality indicators** as well as a continuous quality improvement process

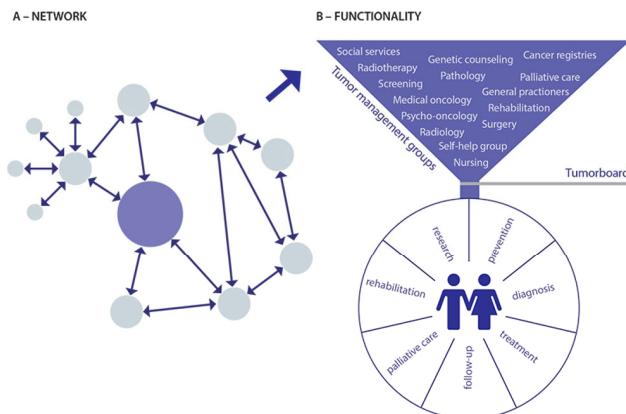
# URSPRUNG: VON CANCON ZUM WP10



## ORIGINS: FROM CANCON TO IPAAC



### How to build and operate a Comprehensive Cancer Care Network:



#### Recommendations from CanCon WP 6:

- Establishment of **tumour management groups (TMG)**
- Tumour-based multidisciplinary and multi-professional TMG's
- Defined **patient pathways** for the entire chain of health care must be put in place
- Definition of uniform **standard operating procedures** which comply with evidence-based guidelines
- Assessment of quality of care through **quality indicators** as well as a continuous quality improvement process



**Sicherstellung der Nachhaltigkeit der CANCON JA Ergebnisse und zur Weiterentwicklung:**

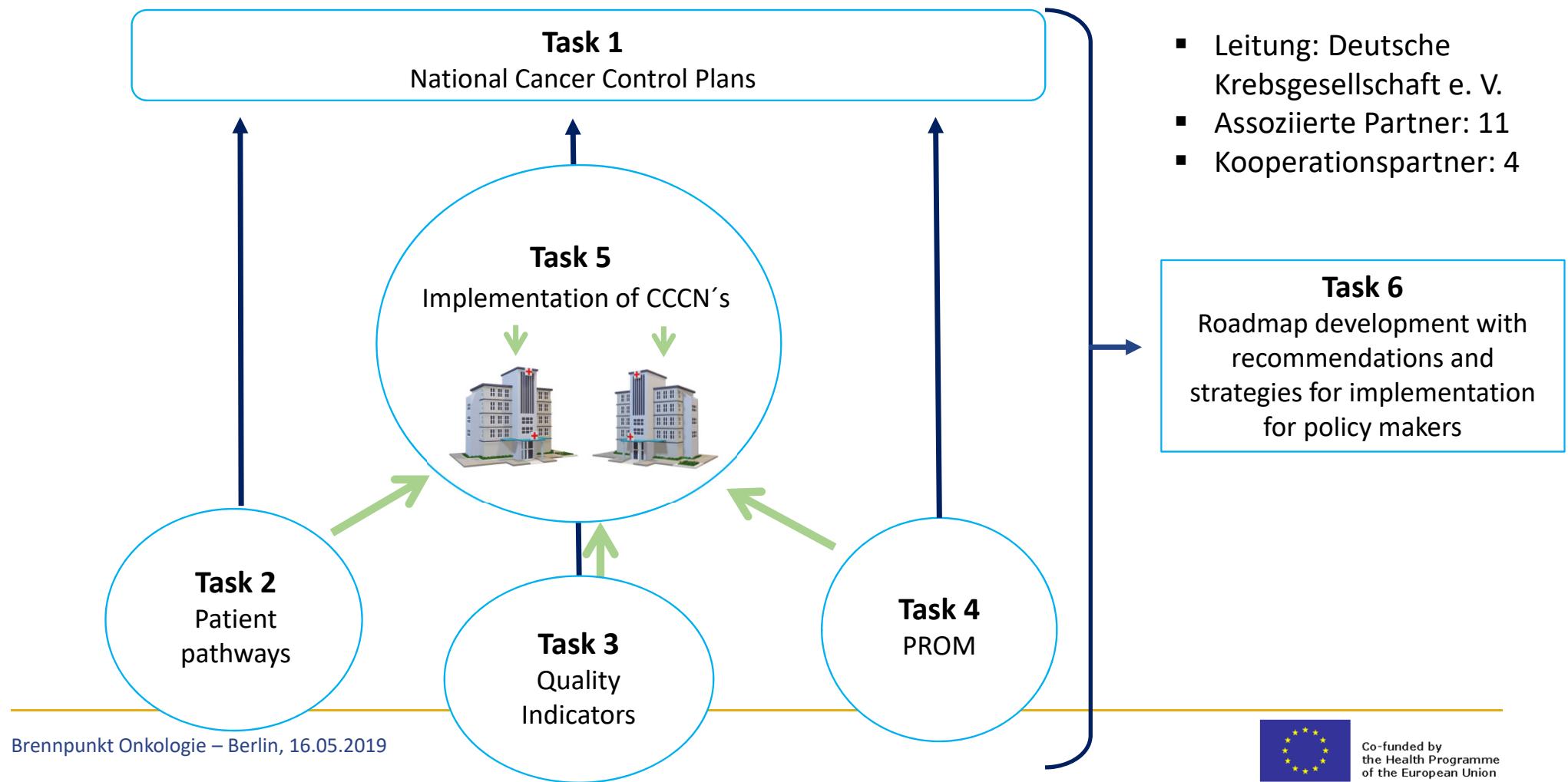
### **Ziel des WP10**

**“....develop practical instruments (...) (to ensure) a standardised (...) comprehensive oncological care in all Member States that is tumour-specific and delivers (...) high-quality care to all patients. These instruments should be used by NCCPs for the governance of oncological care”.**

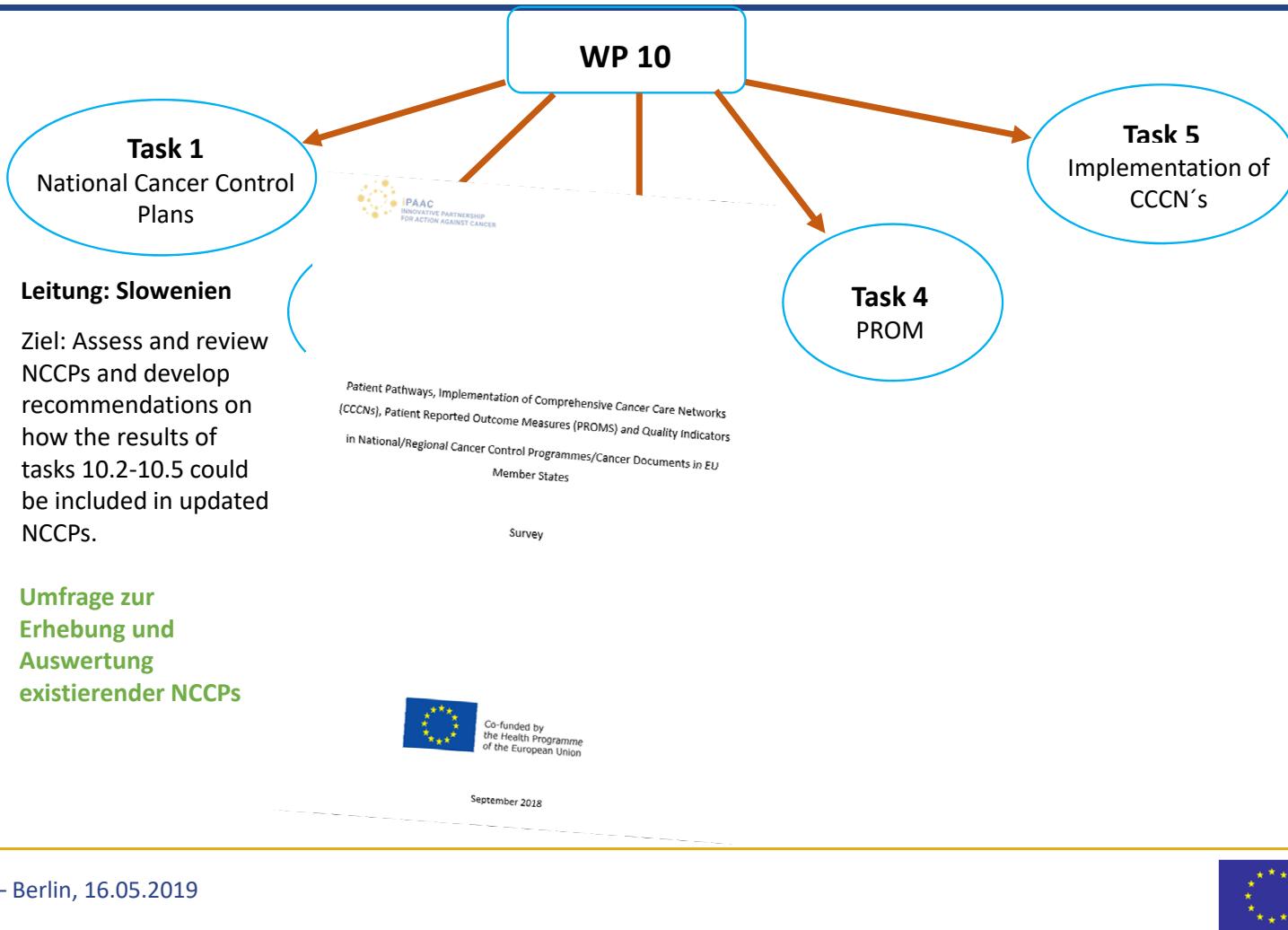


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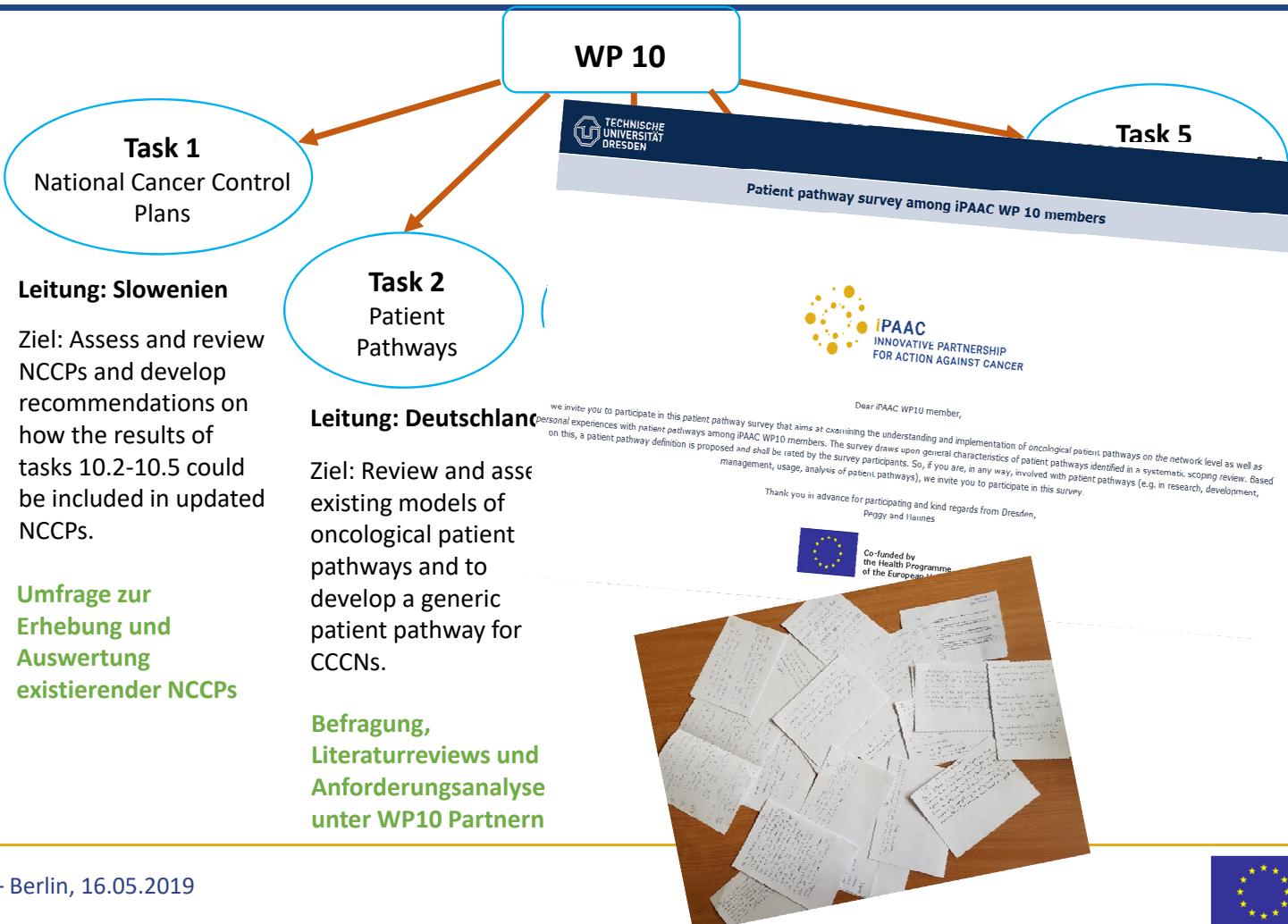
# WP 10: GOVERNANCE OF INTEGRATED AND COMPREHENSIVE CANCER CARE



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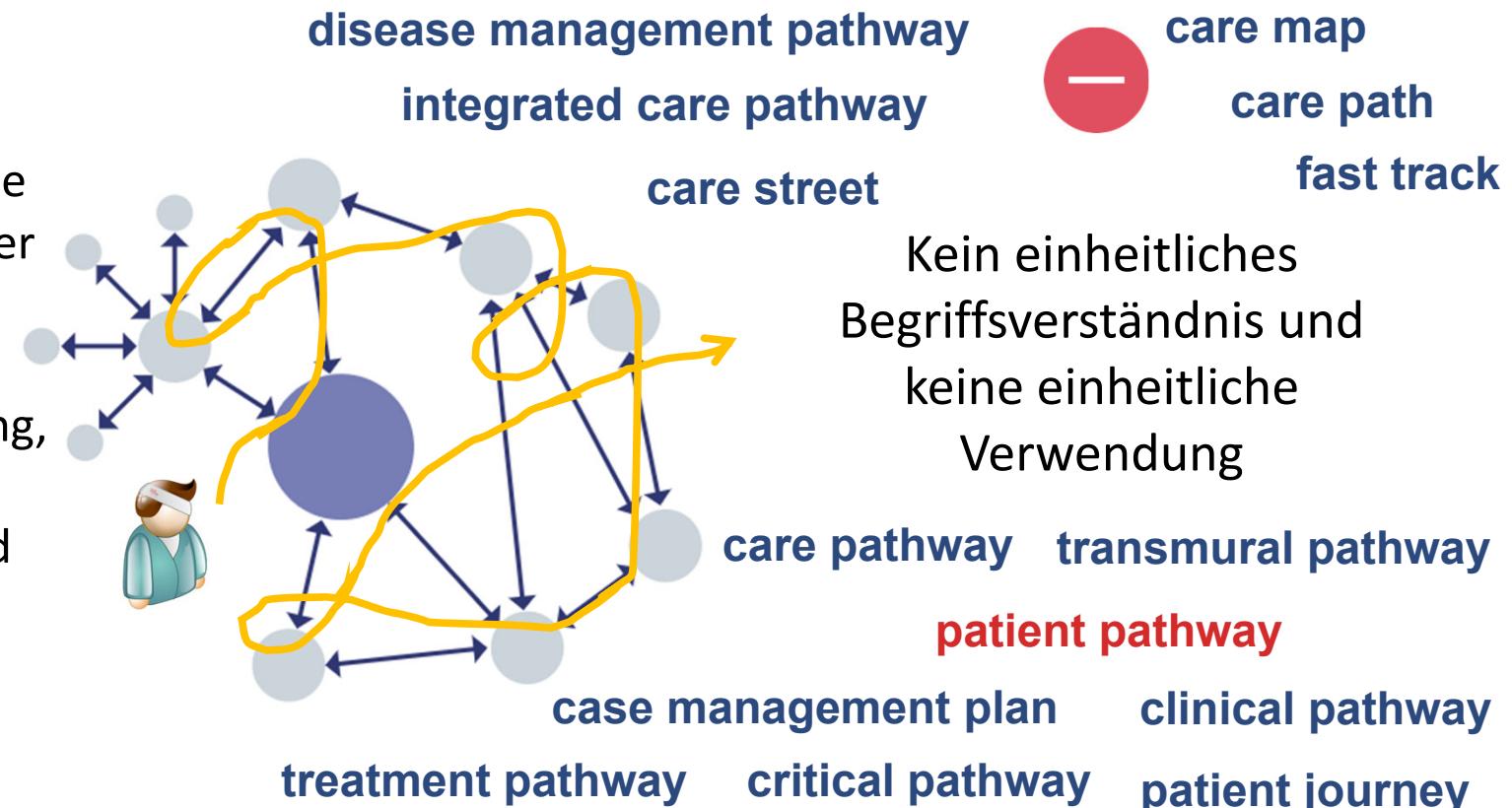


# BEISPIELHAFTER EINBLICK: PATIENTENPFADE



CANCON: Patientenpfade als wertvoller Ansatz in der Krebsversorgung zur Verbesserung kontinuierlicher Versorgung, Patienteninformation, Versorgungsplanung und Implementierung von Leitlinienempfehlungen erkannt

(Albrecht et al., 2017)



Kein einheitliches Begriffsverständnis und keine einheitliche Verwendung

**care map**  
**care path**

**fast track**

**patient pathway**

**clinical pathway**

**patient journey**

(Schrijvers et al., 2012)  
European Pathway Association: <http://e-p-a.org/care-pathways>

# BEISPIELHAFTER EINBLICK: PATIENTENPFADE

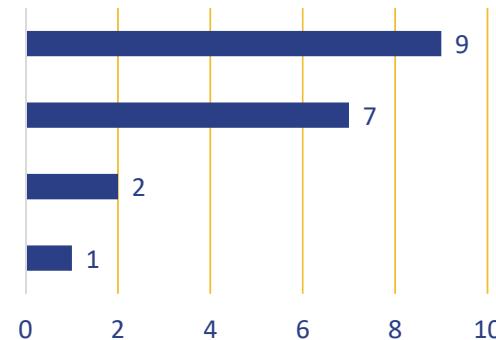
## Patientenpfade - Begriffsverständnis

The term is understood and used as intended with the proposed definition.

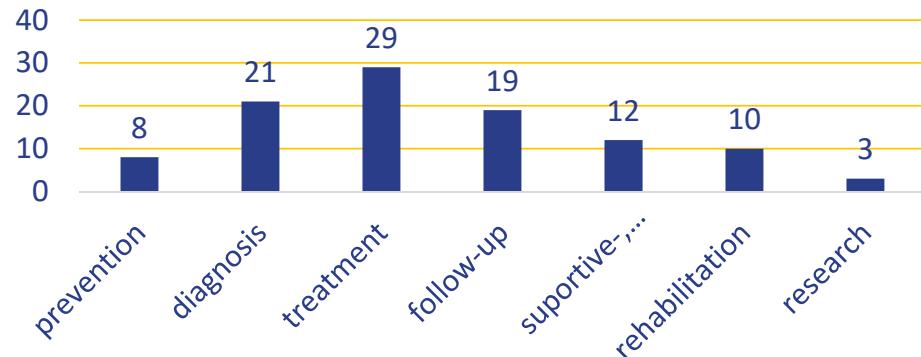
The term is in practical use but understood differently (see comment).

No answer

The term is not in practical use.



## Phasen im Versorgungsprozess die in existierenden Pfaden adressiert werden (n=30)



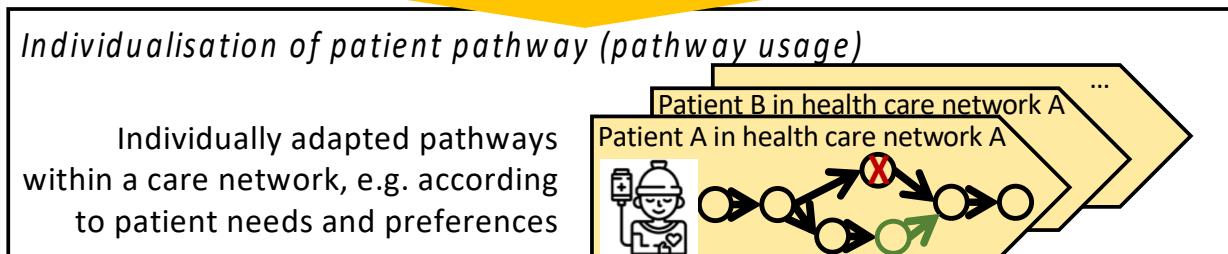
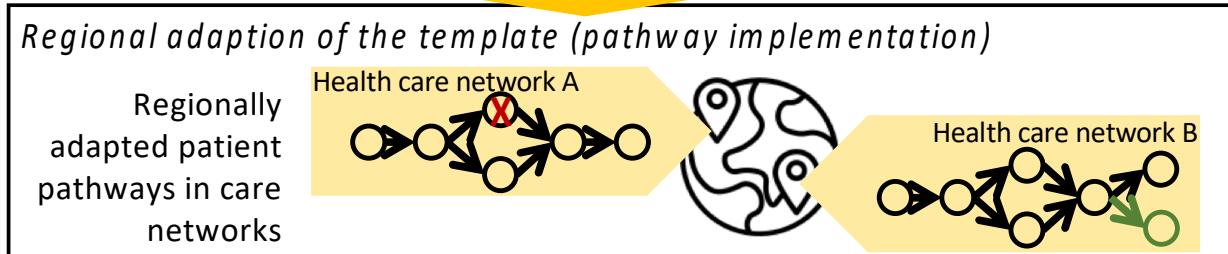
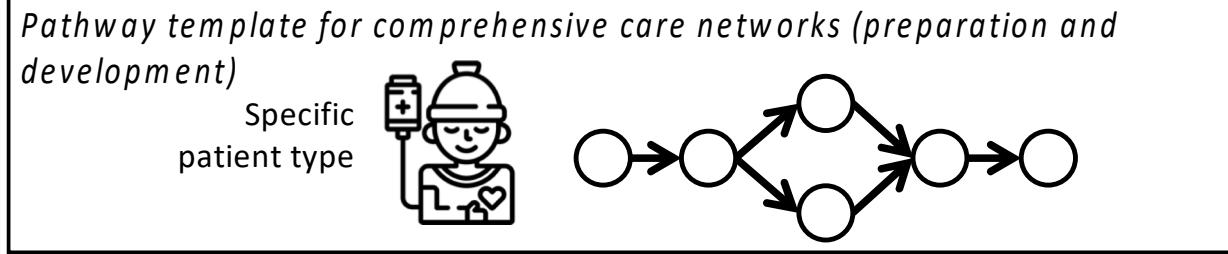
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A patient pathway is a tool that supports the planning and management of the care process of individual patients within a group of similar patients with complex, long-term conditions. It details the phases of care, guiding the whole journey a patient takes by defining goals and milestones, and supports mutual decision-making by the patient and his/her multidisciplinary care team collaborating in a comprehensive network of care providers.

(Richter & Schlieter, 2019a/b)

# BEISPIELHAFTER EINBLICK: PATIENTENPFADE

Konzept für eine methodische Unterstützung der Erstellung, Implementierung, Nutzung und kontinuierlichen Pflege von Patientenpfaden in CCCNs

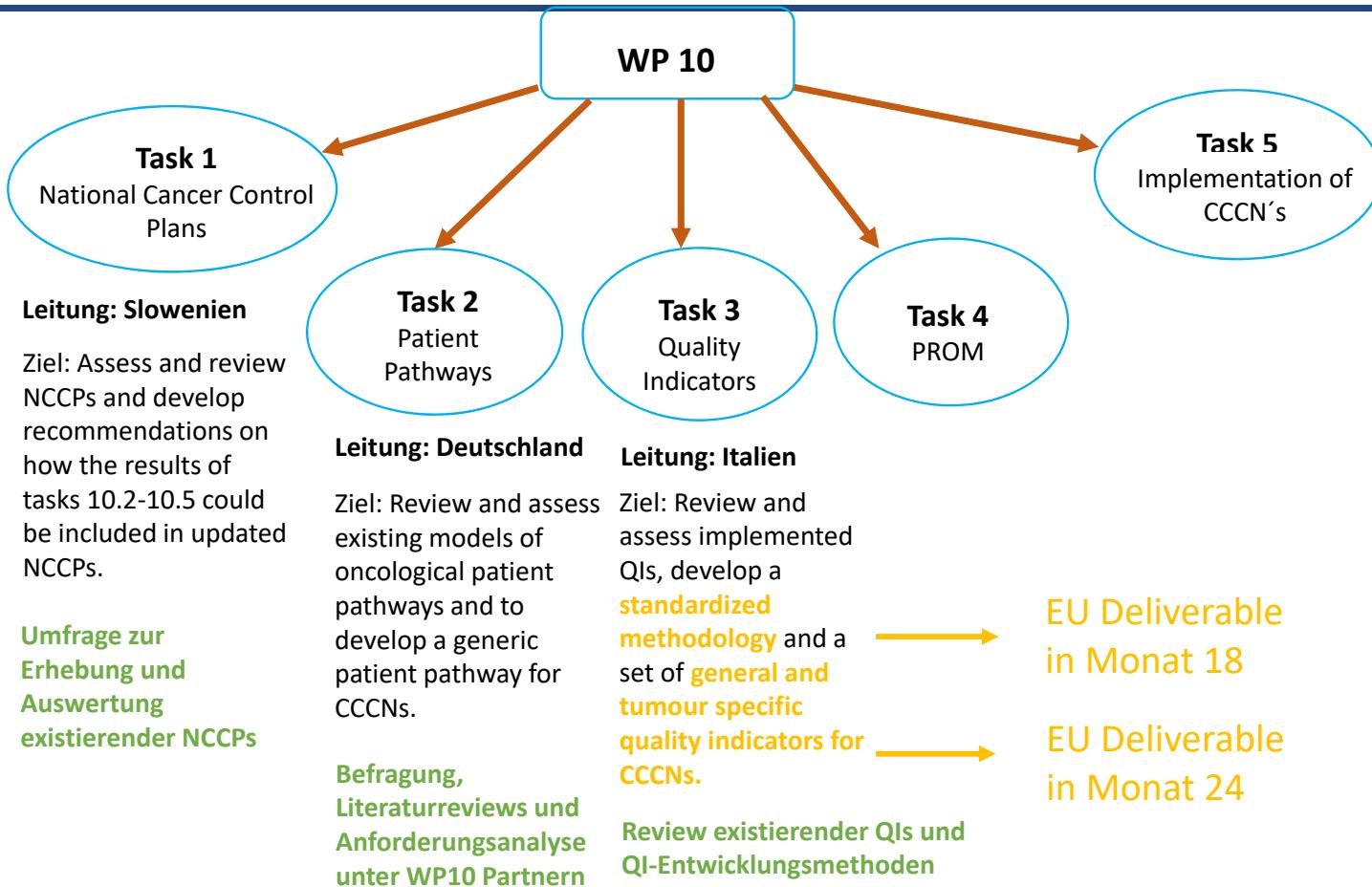


*Patient pathway maintenance (feedback, monitoring, evaluation and revision)*

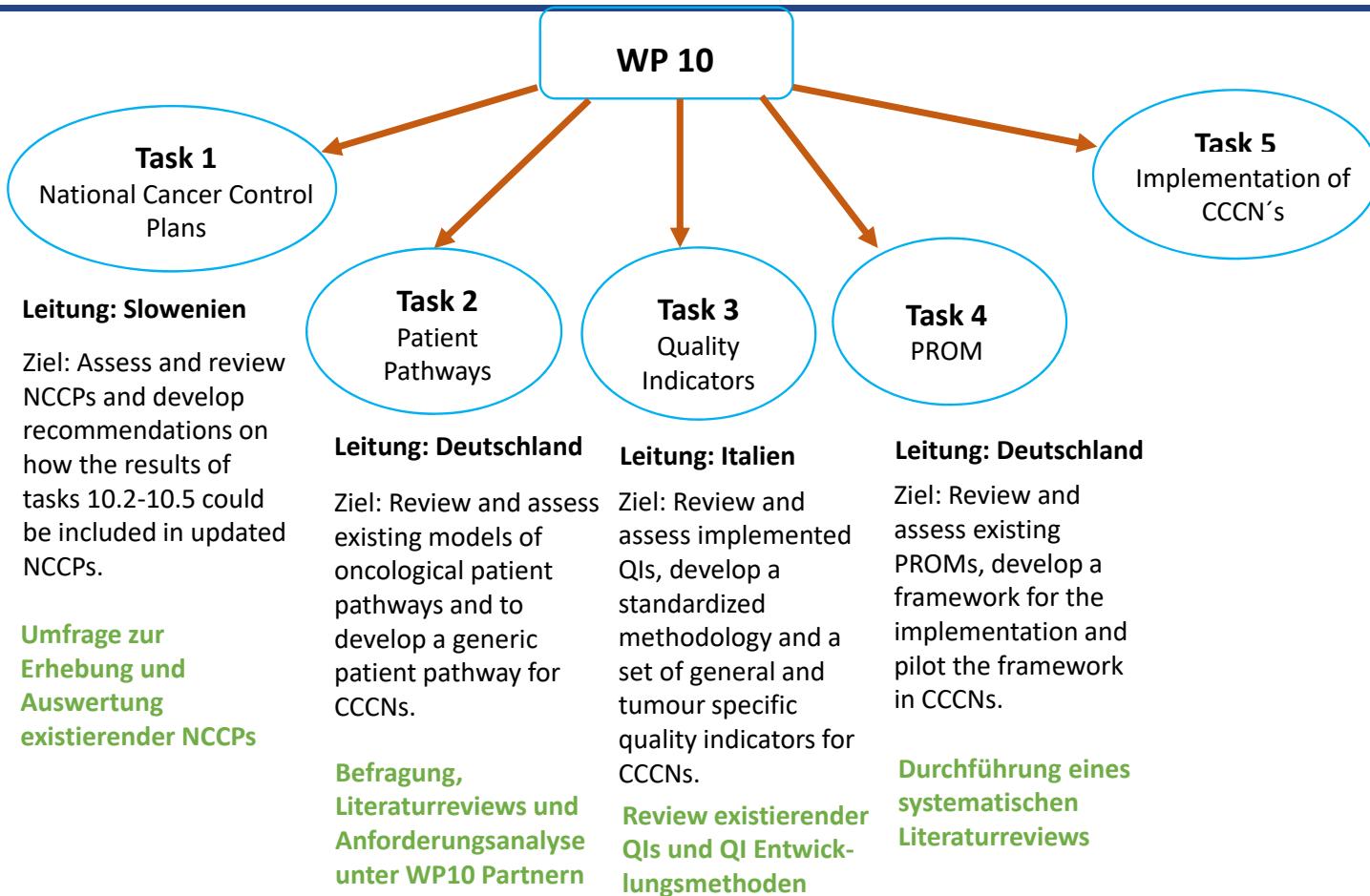


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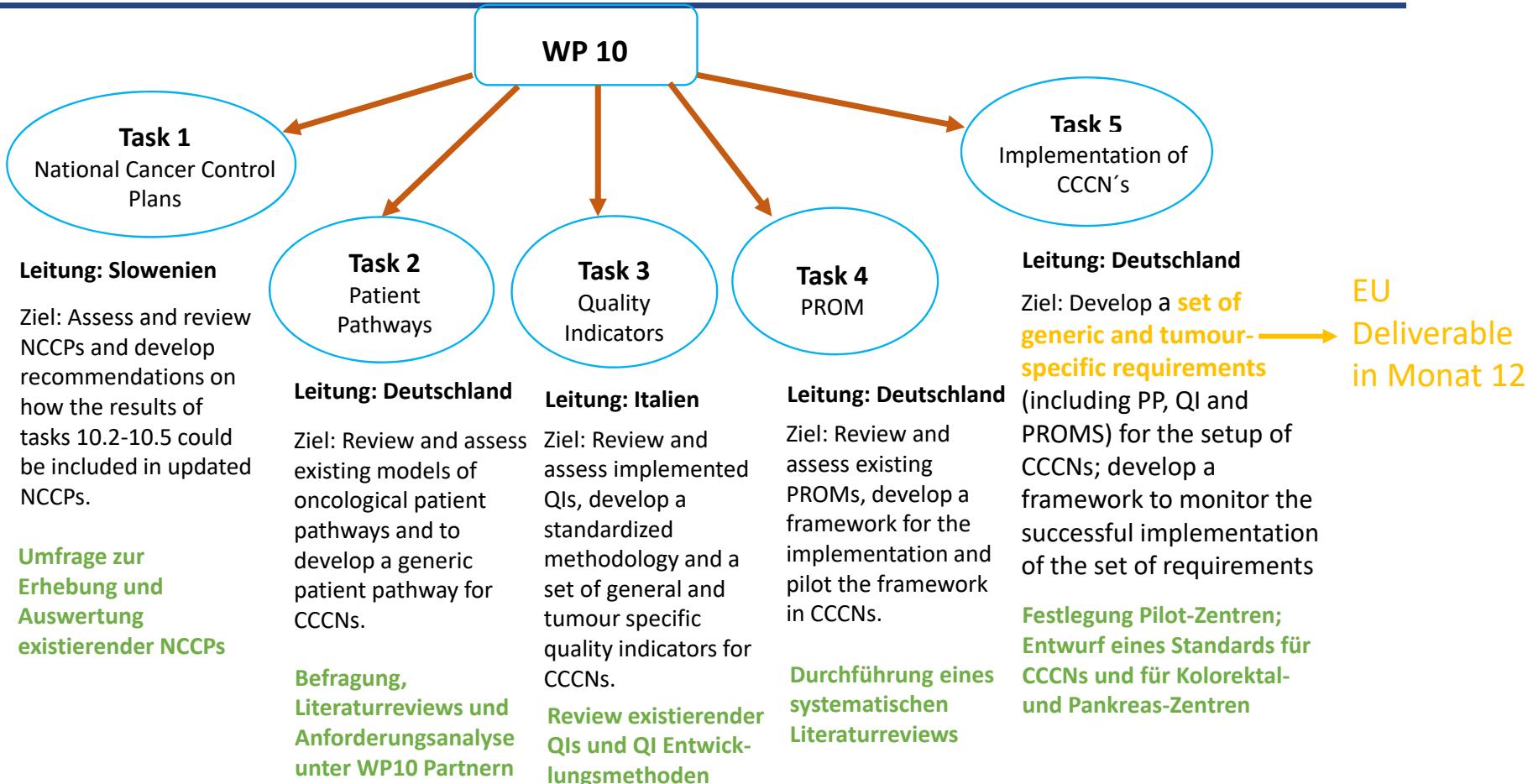
# WP 10: GOVERNANCE OF INTEGRATED AND COMPREHENSIVE CANCER CARE



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## 💡 Implementierung

Proof-of-Concept in zwei Pilotregionen (Deutschland – Charité Berlin, Polen – Lower Silesian Oncology Centre in Breslau)

Beiträge aus WP10 zur Verbesserung der tumorspezifischen Versorgung im Netzwerk

- Methodische Unterstützung zur
  - Entwicklung und Implementierung von Patientenpfaden
  - Entwicklung von (tumorspezifischen) Qualitätsindikatoren
- Standard für CCCNs, bestehend aus einer Menge von Anforderungen
- Framework für
  - die Implementierung von PROMs
  - das Monitoring der erfolgreichen Implementierung der Anforderungen an CCCNs

## 💡 Implementierung

Hauptergebnis iPAAC: **Roadmap on Implementation and Sustainability of Cancer Control Actions**



**Ziel:** Unterstützung der EU Mitgliedsstaaten bei der Implementierung von Cancer Control Maßnahmen und Bereitstellung von erfolgreichen Beispielen

**Zielgruppe:** Politische Berater und Entscheidungsträger, diverse Interessenvertretungen

**Format:** Web-basiertes Tool, Kurzzusammenfassungen, Good-Practice-Beispiele

# DIE ZWEI MAGISCHEN WORTE IN IPAAC

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## 💡 Synergien



Zwischen den Work Packages → Potentiale identifiziert, Fokus auf einheitliche Tumorentitäten (Pankreaskarzinom, Darmkrebs)

Wirkung Deutschland → IPAAC

Wirkung IPAAC → Deutschland

# WAS IST GESCHAFFT UND WIE GEHT ES WEITER?



WP Meeting 1 M1 (May 2018) Germany (Berlin) <i>Kick Off</i>	WP Meeting 2 M 10 (27.-28. February 2019) Italy (Rome) <i>confirmed</i>	WP Meeting 3 M 16 (16.-17. September 2019) Hungary? <i>confirmed</i>	WP Meeting 4 M 20 (ca. December 2019) Slovenia? <i>confirmed</i>	WP Meeting 5 M 24 (ca. April 2020) Poland? <i>tbc</i>	WP Meeting 6 M 30 (ca. September 2020) Germany (Berlin) <i>Closing</i>
<b>Activities</b> <ul style="list-style-type: none"> <li>Introduction</li> <li>Goal and aim of WP 10</li> <li>Introduction task leaders and tasks</li> <li>Overview to do's, deadlines, deliverables</li> <li>Agreement on meetings, agenda etc.</li> <li>Decision on tumour entity</li> <li>Publication of task results</li> </ul>	<b>Activities</b> <ul style="list-style-type: none"> <li><b>Presentation of:</b> <ul style="list-style-type: none"> <li>- Task 1.1. (M10) - Review NCCP (draft)</li> <li>- Task 1.3 (M12) - Survey results stewardship</li> <li>- Task 2.1 (M12) - Literature review PP</li> <li>- Task 3.1 (M12) - Literature review QI</li> <li>- Task 5.1 (M12) - Requirements for CCCN</li> </ul> </li> </ul>	<b>Activities</b> <ul style="list-style-type: none"> <li><b>Presentation of:</b> <ul style="list-style-type: none"> <li>- Task 1.1 (M16) - Assessment NCCP</li> <li>- Task 2.2 (M18) - Review models PP</li> <li>- Task 3.2 (M18) - Methodology QI</li> <li>- Task 4.1 (M12) - Literature review PROMs</li> <li>- Task 5.2 (M18) - Development framework CCCN</li> </ul> </li> </ul>	<b>Activities</b> <ul style="list-style-type: none"> <li><b>Presentation of:</b> <ul style="list-style-type: none"> <li>- Task 2.3 (M24) - development of methodology PP</li> <li>- Task 3.3 (M24) - set of QI for the use in CCCN</li> <li>- Task 4.2 (M24) - Framework for PROMs</li> </ul> </li> </ul>	<b>Activities</b> <ul style="list-style-type: none"> <li><b>Presentation of:</b> <ul style="list-style-type: none"> <li>- Task 1.2 (M34) - Recommendations NCCP</li> <li>- Task 1.4 (M24) - survey results stewardship</li> <li>- Task 2.4 (M30) - Use of PP in CCCN</li> <li>- Task 5.3 (M34) - Implementation of CCCN</li> <li>- Task 6.1 (M34) - Start Road Map for WP 10</li> </ul> </li> </ul>	<b>Activities</b> <ul style="list-style-type: none"> <li><b>Presentation of:</b> <ul style="list-style-type: none"> <li>- Task 6.1 (M34) - Finalization Road Map for WP 10</li> <li>- Task 5.3 (M34) - Peer Review CCCN &amp; Report</li> </ul> </li> </ul>
<b>EU Deliverable</b> Definition of CCCN pilot sites (M 3) - Milestone 10.1 	<b>EU Deliverable</b> Generic and tumour-specific requirements for the setup of CCCN are defined (M12) - Milestone 10.2 	<b>EU Deliverable</b> Generic and tumour-specific requirements for the setup of CCCN are defined (M12) - Milestone 10.2 	<b>EU Deliverable</b> Generic and tumour-specific requirements for the setup of CCCN are defined (M12) - Milestone 10.2 	<b>EU Deliverable</b> Generic and tumour-specific requirements for the setup of CCCN are defined (M12) - Milestone 10.2 	<b>EU Deliverable</b> Roadmap on Implementation and Sustainability of Cancer Control Actions in the field of governance of integrated and comprehensive cancer care (M34) - Deliverable 10 
<b>Preparation of:</b> <ul style="list-style-type: none"> <li>- Task 1.1. (M10) - Review NCCP (draft)</li> <li>- Task 1.3 (M12) - Survey results stewardship</li> <li>- Task 2.1 (M12) - Literature review PP</li> <li>- Task 3.1 (M12) - Literature review QI</li> <li>- Task 5.0 (M12) - Definition of pilot CCCN sites</li> <li>- Task 5.1 (M12) - Requirements for CCCN</li> </ul>	<b>Preparation of:</b> <ul style="list-style-type: none"> <li>- Task 1.1 (M16) - Assessment NCCP</li> <li>- Task 2.2 (M18) - Review models PP</li> <li>- Task 3.2 (M18) - Methodology QI</li> <li>- Task 4.1 (M18) - Literature review PROMs</li> <li>- Task 5.2 (M18) - Development framework CCCN</li> </ul>	<b>Preparation of:</b> <ul style="list-style-type: none"> <li>- Task 1.4 (M24) - survey results stewardship</li> <li>- Task 2.3 (M24) - development of methodology PP</li> <li>- Task 3.3 (M24) - A set of QIs for the use in CCCN is derived</li> <li>- Task 4.2 (M24) - Framework for PROMs</li> </ul>	<b>Preparation of:</b> <ul style="list-style-type: none"> <li>- Task 3.3 (M24) - A set of QIs for the use in CCCN is agreed</li> <li>- Task 5.3 (M34) - Implementation of CCCN</li> <li>- Task 6.1 (M34) - Start Road Map for WP 10</li> </ul>	<b>Preparation of:</b> <ul style="list-style-type: none"> <li>- Task 6.1 (M34) - Finalization Road Map for WP 10</li> <li>- Task 5.3 (M34) - Peer Review CCCN &amp; Report</li> </ul>	

  
 Wir liegen im Zeitplan,  
 sind motiviert und die  
 Zusammenarbeit im  
 WP10 und mit den  
 anderen WPs ist  
 erfolgreich.



**Herzlichen Dank für Ihre Aufmerksamkeit!**

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# REFERENZEN

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**Albrecht, T., Kiasuwa, R., Van der Bulcke, M.** (Eds.), 2017. *EUROPEAN guide on quality improvement in comprehensive cancer control*, CanCon - Cancer Control Joint Action. Ljubljana: National Institute of Public Health; Brussels: Scientific Institute of Public Health.

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**Richter, P., Schlieter, H.**, 2019b. *Are you on the (path)way yet? A survey examining the understanding and implementation of oncological patient pathways among members of the Innovative Partnership for Action Against Cancer (IPAAC) joint action*. Forum (Genova), 1 105. <https://doi.org/10.1007/s12312-018-0552-7>

**Schrijvers, G., van Hoorn, A., Huiskes, N.**, 2012. *The care pathway: concepts and theories: an introduction*. Int. J. Integr. Care 12.

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