

SLOVENIA – POPULATION BASED COLORECTAL CANCER SCREENING PROGRAMME

HOW TO MAKE A LONG-TERM EFFORT SUSTAINABLE

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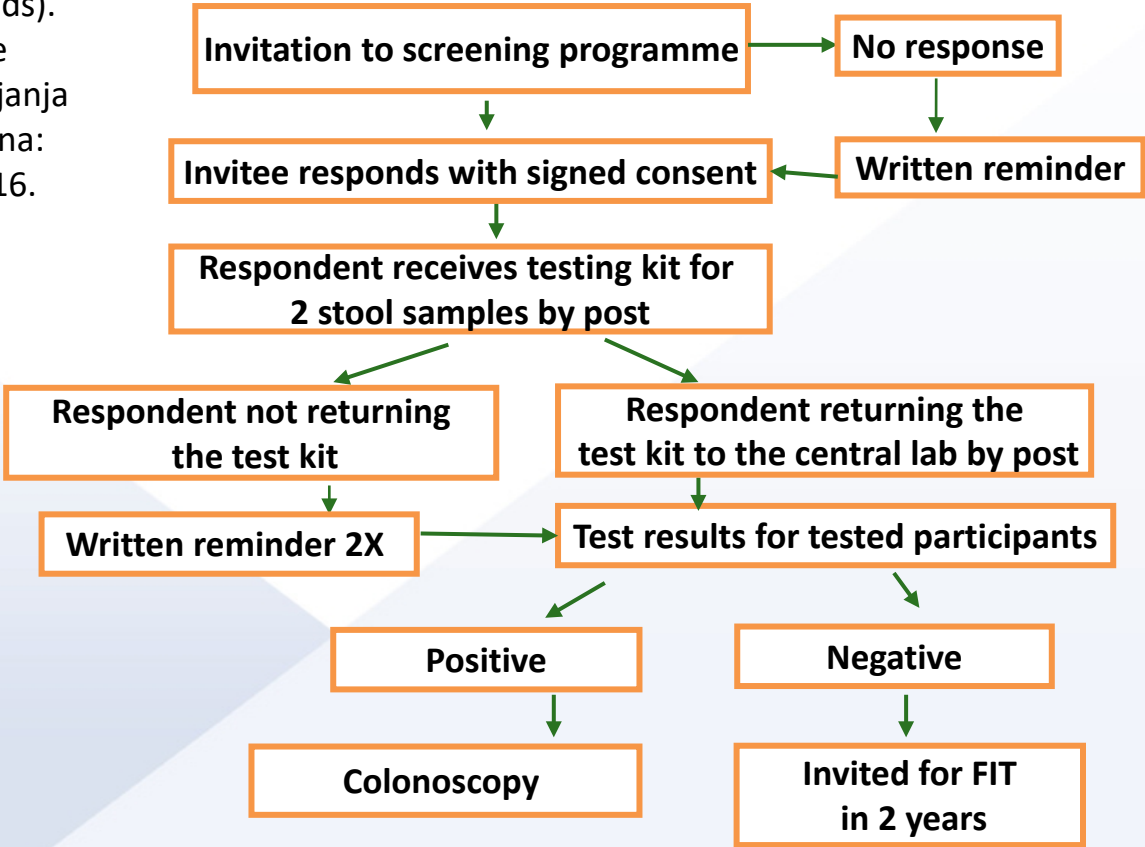
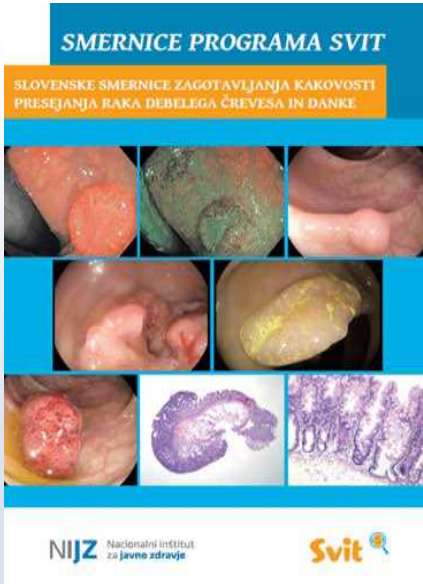
Tatjana Kofol Bric, Ana Lucija Škrjanec, Špela Fistrič

COLORECTAL CANCER SCREENING IN SLOVENIA

- Nationally organized, centrally managed, population-based CRC screening programme.
- **Target population covers all residents aged 50-74 with compulsory health insurance.** They are invited every two years. Up to 2015 population aged 50-69 was included.
- **National implementation:**
 - Programme proposal was endorsed by Ministry of Health - Health Council in 2006
 - pilot phase in 2008 with the aim of examine all steps of the programme algorithm in practice,
 - at the national level, the programme has been running since 2009
- **Target population is app. 600,000 people per screening round:**
 - 1th screening round: April 2009 – March 2011,
 - 6th screening round: January 2019 – December 2020.
- **Testing method:**
 - faecal immunochemical test (FIT) with automatic readings in one central laboratory,
 - screening colonoscopy provided for all patients with positive FIT.

SLOVENIAN CRC SCREENING GUIDELINES AND SCREENING ALGORITHM

Tepeš B, Kasesnik K, Novak Mlakar D (eds).
SMERNICE PROGRAMA SVIT. Slovenske
smernice zagotavljanja kakovosti presejanja
raka debelega črevesa in danke. Ljubljana:
Nacionalni inštitut za javno zdravje, 2016.

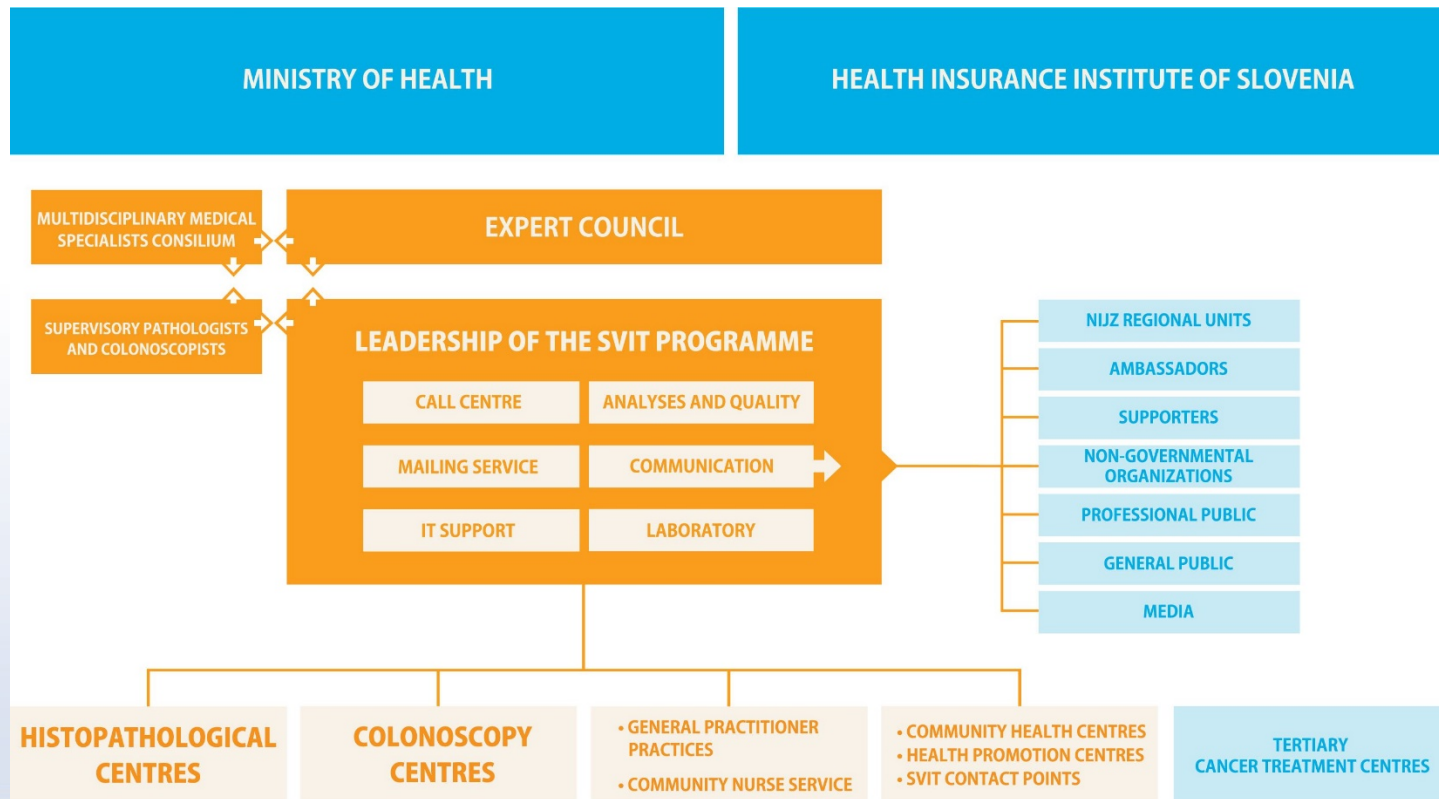


HOW TO MAKE A LONG-TERM EFFORT SUSTAINABLE

STAKEHOLDERS CONSOLIDATION

- Identification and inclusion of all the partners who were crucial for the organization and implementation of the programme in a health network with a clear common objective.
- The representatives of the medical specialties found a common language with the Health Insurance Institute of Slovenia and the Ministry of Health of the Republic of Slovenia

PROVIDERS AND SUPPORTERS OF PROGRAMME SVIT



HOW TO MAKE A LONG-TERM EFFORT SUSTAINABLE

LEGAL BASIS

Implementation:

- Health care and health insurance act with the line of ensuring prevention and screening programmes for compulsory insured population
- Existing rules on carrying out preventive health care at the primary level were amended with Svit programme in 2007
- Rules on the implementation of national screening programmes for the early detection of precancerous changes and cancer covering cervical, breast and colorectal cancer screening were adopted in 2018

Legal basis for personal data handling:

- From the start the programme operated on the positive opinion of the Information Commissioner.
- In 2018 Healthcare Databases Act was amended with Svit Programme Registry

Financing:

- Secure funding from Health Insurance Institute of Slovenia is enabled through general agreement between government, health providers and Health Insurance Institute with yearly option of smaller changes

HOW TO MAKE A LONG-TERM EFFORT SUSTAINABLE

MONITOR, ANALISE, ACT, PRESENT

- Monitoring the performance and outcomes
- Information system covers eligible population, invitation, informed consent, FIT testing, colonoscopy clinical record, pathology exam, medical consilium recommendation

Service providers quality assurance:

- Only colonoscopical and histopathological centres, colonoscopists and pathologists who meet the entry criteria of quality standards are involved in CRC screening
- By analysing the data collected in the programme information system the quality indicators are regularly monitored
- Bad performance is the reason for exclusion from the list of Svit providers

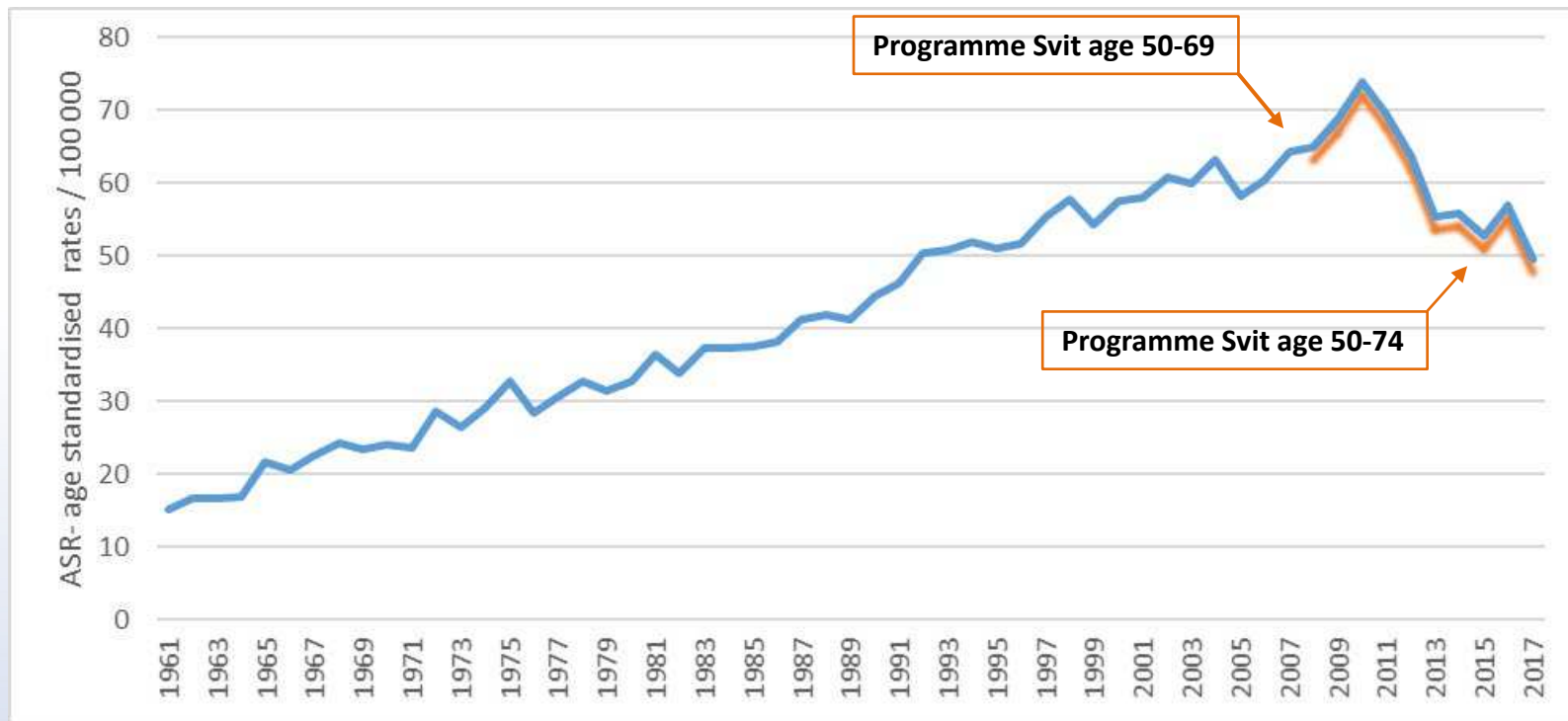
Colonoscopy providers quality assurance as an example:

- Online presentation of indicators is available per colonoscopist and per centre as part of online interface with the Svit information system supporting the colonoscopy procedure and results registration
- Detailed indicator results are part of discussion in regular supervision visits to colonoscopy centres
- Indicator results oriented topics are presented at an annual colonoscopist training module

Programme Svit indicators by 2-year screening rounds	First	Second	Third	Fourth	Fifth*
Invitation sent	536,709	502,488	501,391	607,123	611,764
Coverage by invitation	99.3%	99.6%	99.6%	99.6%	99.6%
Invitation response rate	56.9%	57.8%	59.9%	62.2%	64.0%
Individuals with exclusion criteria (self reported and colorectal pathology found in screening)	12.5%	7.7%	5.5%	6.2%	6.1%
Uptake / participation rate	49.9%	52.8%	55.7%	58.0%	59.7%
Positive FIT rate	6.2%	6.0%	6.0%	6.8%	6.1%
Colonoscopy after positive FIT rate	90.9%	92.2%	93.1%	92.6%	93.6%

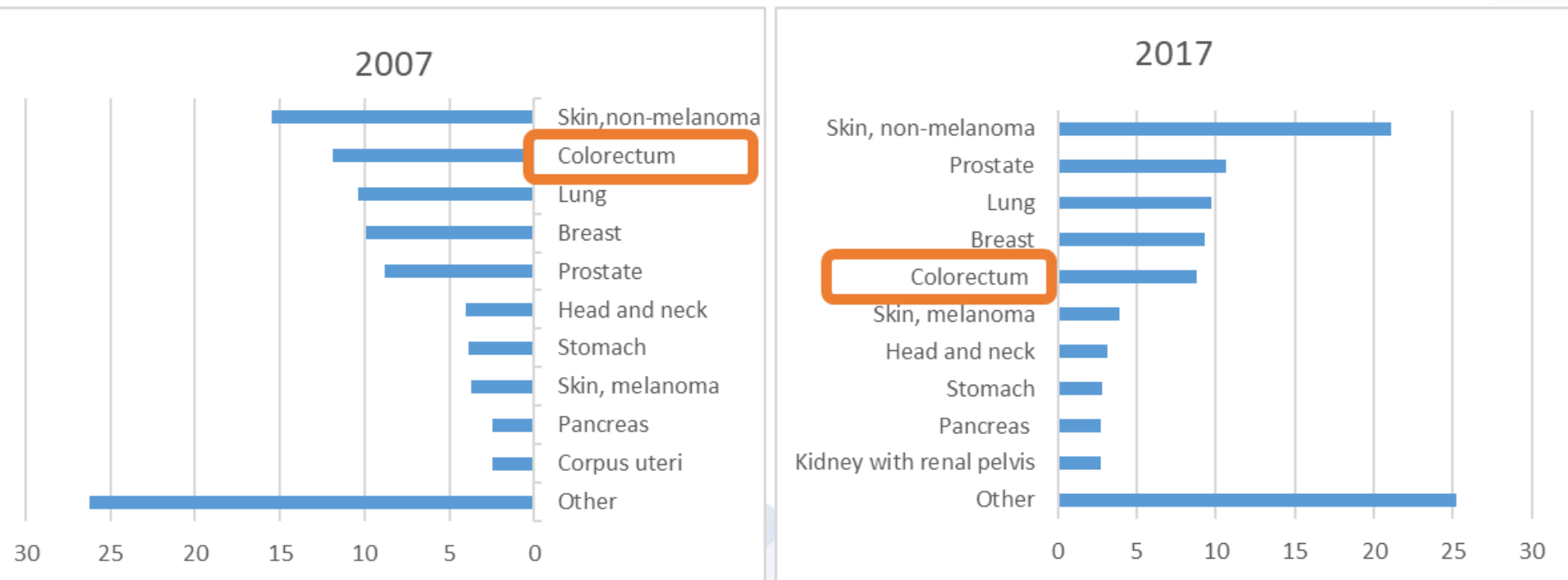
*preliminary results

COLORECTAL CANCER INCIDENCE HAS BEEN DECREASING SINCE 2011



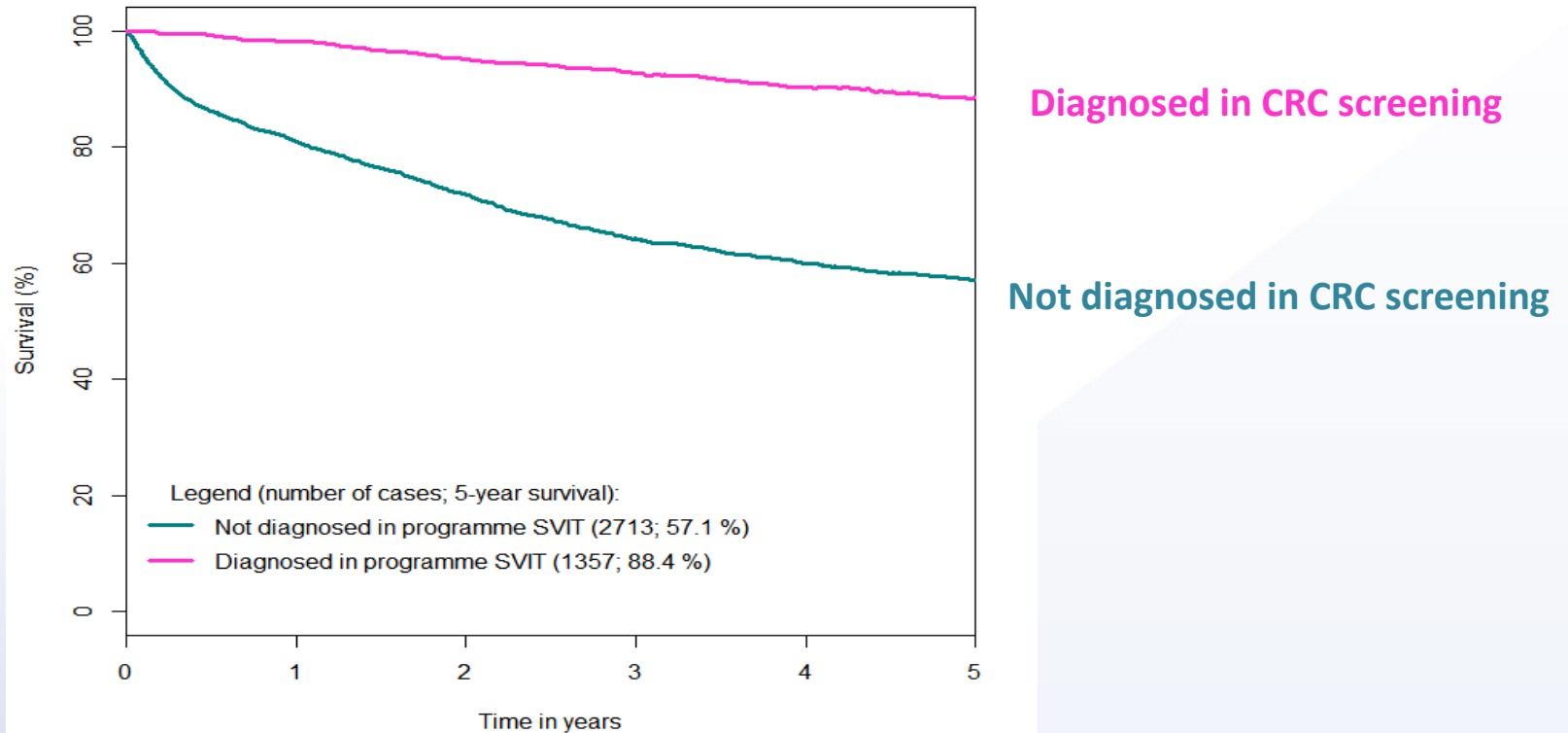
Source: Slovenian Cancer Registry, Institute of Oncology Ljubljana.

The leading cancer sites with percentage distribution, Slovenia 2017- incidence.
The share of colorectal cancer among all cancers in Slovenia has decreased.



Source: Cancer in Slovenia 2007, 2017. Slovenian Cancer Registry, Institute of Oncology Ljubljana.

**Net survival of patients diagnosed with
colorectal cancer (C18-C20) aged 50-74 years, period 2011-2015**



Source: Epidemiology and Cancer Registry, Institute of Oncology Ljubljana


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COMMUNICATION STRATEGY

Written document Communication strategy from the start of the programme:

- based on the theory of planned behaviour and informed decision making
- accessibility of the programme also for foreign language speakers, for people with hearing and vision impairment or other disabilities
- targeted communication activities contributed to reducing health inequalities

Good name and recognizable brand:

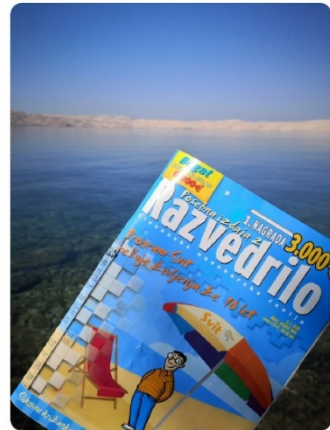
- The logo for 'Svit' features the word 'Svit' in a bold, orange, sans-serif font. To the right of the text is a blue magnifying glass icon with a yellow 'S' inside its lens.
- the programme is well accepted by the professional and general public and also by the target population
- high trust in the programme



NIJZ
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#ProgramSvit z vami tudi na dopustu 😊
#10let

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Nacionalni inštitut za javno zdravje - NIJZ
12 Mar at 14:40 · 🌐

Odzovi se na povabilo Programa Svit in ZMAGAJ! 🏆
Podpirajo nas tudi odbojkarji ACH Volley Ljubljana 🏐
#orangedragons

<https://www.program-svit.si/>



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Svit  programme is well-organised and effective colorectal cancer screening programme with important impact on populations health.

<https://www.program-svit.si/en/>

 **Pošta Slovenije**

Post of Slovenia