



# General Assembly 2015

Christian Bosshard and Christoph Harder

Burgdorf

December 9, 2015



In cooperation with the CTI



**KTT-Support**  
National thematic networks



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Swiss Confederation

Commission for Technology and Innovation CTI

# Agenda

- |  |                          |
|--|--------------------------|
| 1. Welcome, Agenda                             |                          |
| 2. Election of the scrutineers and scribe      | Election                 |
| 3. Protocol of the GA of November 25, 2014     | Approval                 |
| 4. Activity report for CTI Year 2015           | Information / Discussion |
| 5. NTN review (Oct. 21) of CTI year 2015       | Information / Discussion |
| 6. Submission of new NTN Swissphotonics        | Information / Discussion |
| 7. Annual accounts 2014                        | Information / Approval   |
| 8. Status Accounts: CTI Year 2015              | Information              |
| 9. Discharge/(Re)election of the board members | Discussion / Approval    |
| 10. Business Plan and Budget 2016              | Discussion / Election    |
| 11. Motions/amendments of the members          | Discussion/ Approval     |
| 12. Varia                                      | Discussion               |

## 2. Election of the scrutineers

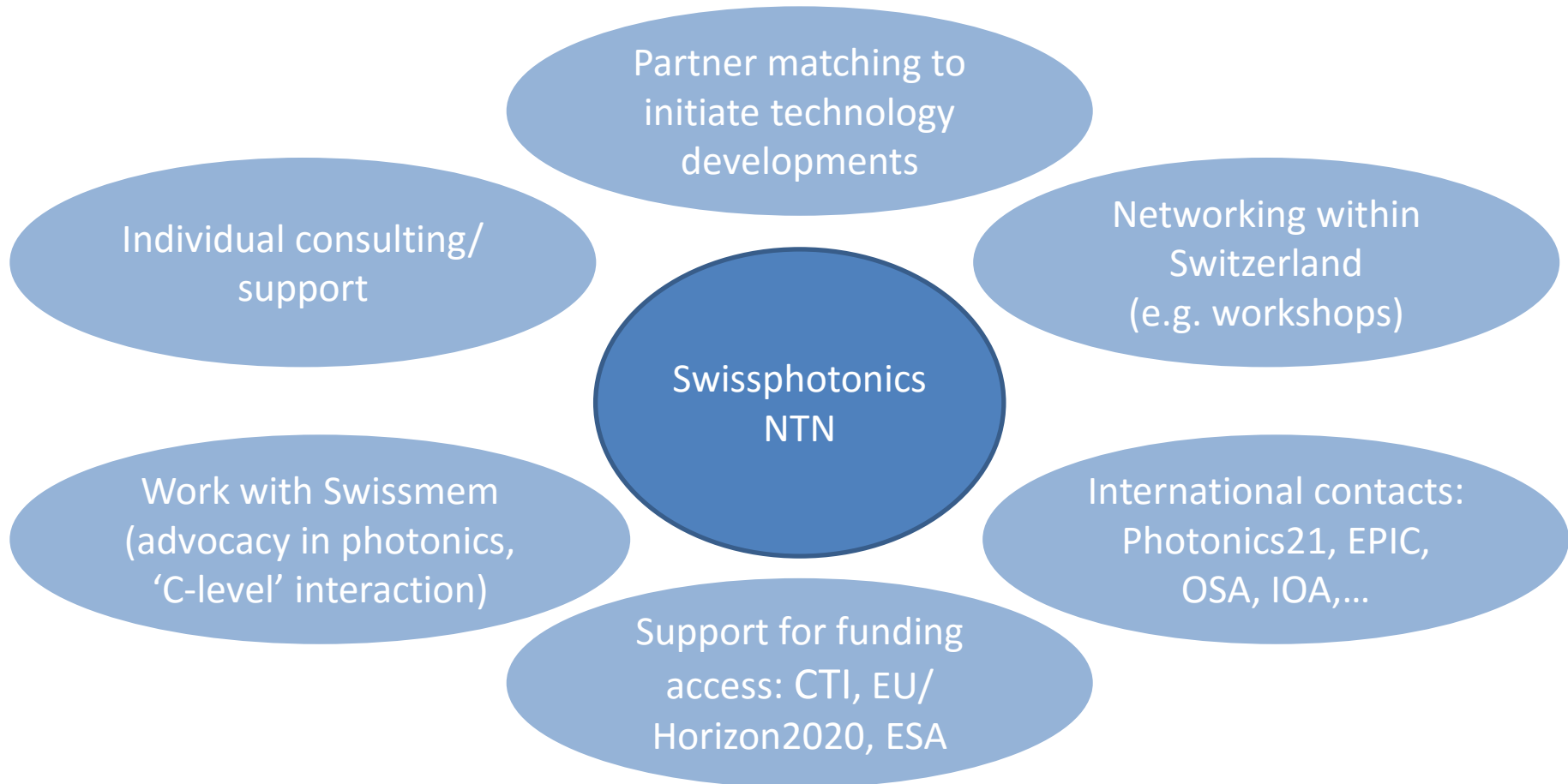
- **Scrutineers/Stimmzähler**
  - NN
  - **Vote**
- **Scribe/Protokollführer**
  - Jürgen Söchtig
  - **Vote**

# 3. Protocol of the GA of November 25, 2014

- Meeting minutes available on web and as hardcopies
  - [http://www.swissphotonics.net/libraries.files/GA\\_minutes\\_2014.pdf](http://www.swissphotonics.net/libraries.files/GA_minutes_2014.pdf)
  - Discussion
- **Vote**

# 4.1 Activity report CTI Year 2015

- Support of innovation at companies with focus on SMEs



## 4.2 Activity report CTI Year 2015

- **Membership**

- Increase to 125: <http://www.swissphotonics.net/about-swissphotonics/list-of-members>

- **Workshops**

- 19 workshops with 55% industry participation and average participation of around 75 people



## 4.2a Activity report CTI Year 2015

- Many thanks to Beni Müller for the workshop organizations



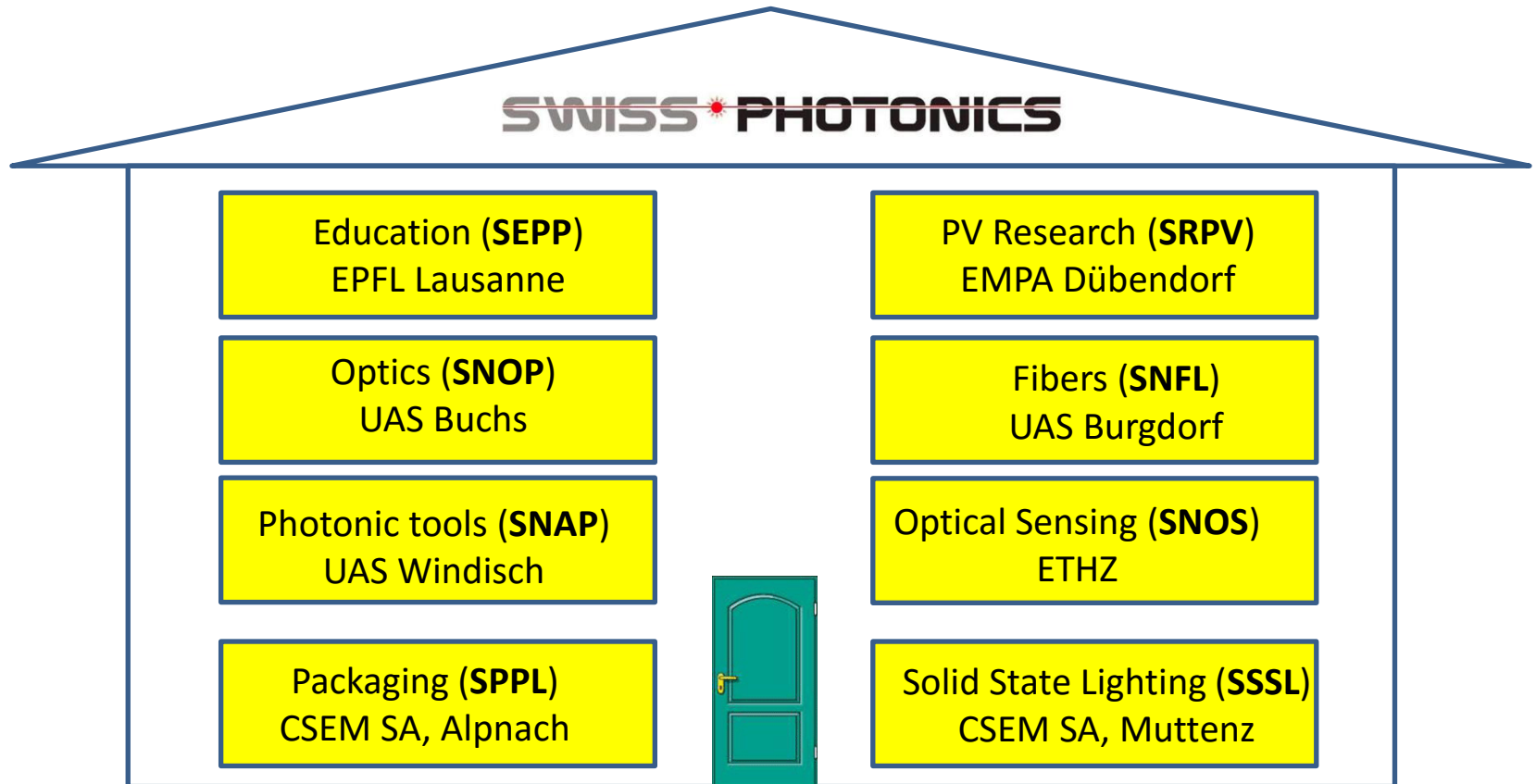
## 4.3 Activity report CTI Year 2015

- **Other events**
  - Successful networking apéros at e.g. Photonics West in San Francisco, World of Photonics in Shanghai and Laser World of Photonics in München
- **Seed money checks**
  - Last two years: 21 CTI project submissions based on seed money checks (up to now 15 projects accepted)
- **Supported project**
  - 19 accepted projects with total volume of 9.5 MCHF funding by CTI (total volume approaching 20 MCHF)



## 4.4 Activity report CTI Year 2015

- **Direct support to SMEs – Swiss National Photonics Labs (SNPLs)**
  - Single contact: connection to the best suitable partner to handle specific requests



# 4.5 Activity report CTI Year 2015

- **Swiss National Photonics Labs**

- First industrial projects acquired:
  - SNOP: project volume of around 350 kCHF
  - SNFL: project volume of around 180 kCHF; in addition several requests for use of technical facilities are handled each year.
  - SPPL: several service projects for Swiss companies
  - SSSL: eight industrial projects with a volume of 270 kCHF

- The above shows that the national labs start to become effective
- The build-up will continue beyond 2015.

- Change in lead of SNAP: Beat Lüscher -> Patrik Hoffmann

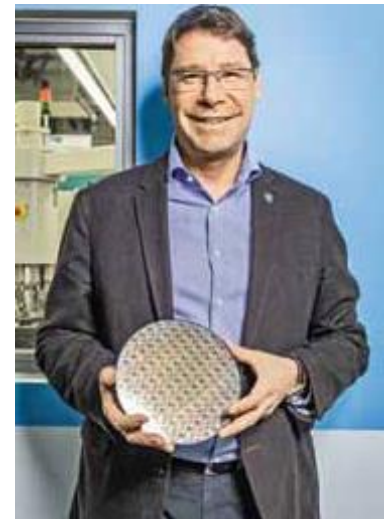
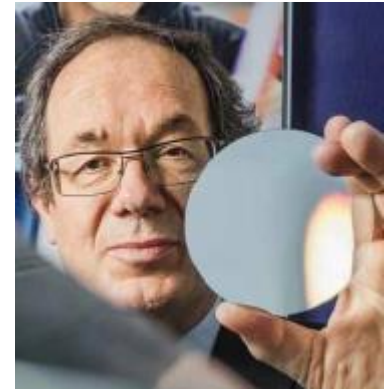
**Congratulation and thanks to Beat**

- Change in lead of SNOP: Andreas Ettemeyer-> Carsten Ziolek

**Congratulation and thanks to Andreas**

## 4.6 Activity report CTI Year 2015

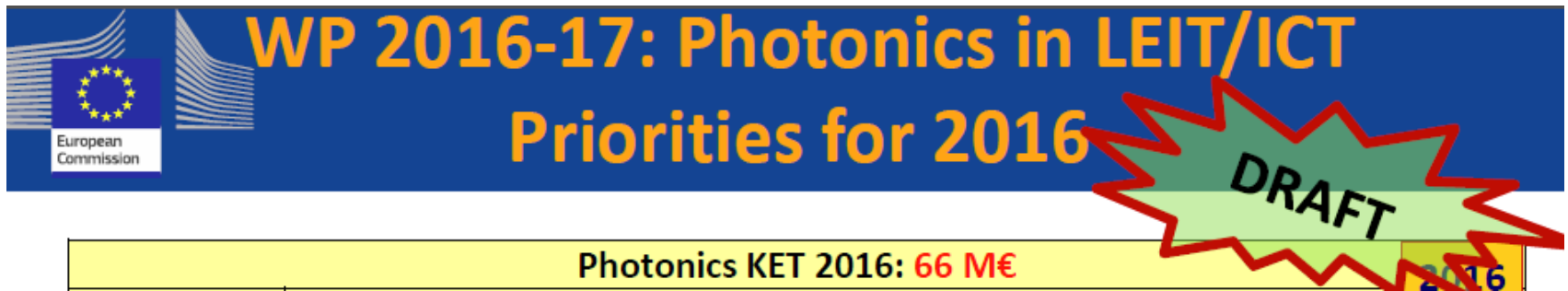
- **Swissmem: Advocacy for Photonics on “C”-level (education, policies)**
  - Christoph Harder is board member
  - Common participation a trade show: Laser World of Photonics in Shanghai (March 2015)
  - Support for *Photonics Treff* organization
  - Co-organisation of workshop at EPMT 2015 in Geneva
  - Support for new bachelor programs in Photonics at Universities of Applied Sciences
  - Liasion: Proposed election of Board members of *Fachgruppe Photonics of Swissmem* to become members of the SWISSPHOTONICS Advisory Board.



## 4.7 Activity report CTI Year 2015

- **Photonics21**

- SWISSPHOTONICS is part of the new EU network project EuroPho21
- Most Swiss national photonics laboratories are part of a Photonics21 working group
- Christian Bosshard and Christoph Harder are members of the Board of Stakeholders



**WP 2016-17: Photonics in LEIT/ICT**  
**Priorities for 2016**

European Commission

**DRAFT**

Photonics KET 2016: 66 M€

2016

- **EPIC**

- Swissphotonics is member of EPIC; Kurt Weingarten is board member
- Swissphotonics will host general assembly of EPIC in 2016 in Switzerland  
-> April 21,22, 2016 in Zürich: **Reserve the date !**

## 4.8 Activity report CTI Year 2015

- **International Year of Light of UNESCO in 2015 ([www.light2015.org/](http://www.light2015.org/)).**
  - Swissphotonics is official «relais» and coordinated with other stakeholders
  - Open day all over Switzerland on Sept. 26, 2015



**INTERNATIONAL  
YEAR OF LIGHT**

- Closing day: Saturday, Dec 5, EPFL (>650 attendees)

# 4.9 Activity report CTI Year 2015

- International Year of Light of UNESCO in 2015 ([www.light2015.org/](http://www.light2015.org/)).



**baz** BASELSTADT  
BASSELLANDSCHAFTLICHE  
ZEITUNG

**CSEM Muttenz**

**Licht ist das Medium  
der Zukunft**



# 4.10 Activity report CTI Year 2015

- International Year of Light of UNESCO in 2015 ([www.light2015.org/](http://www.light2015.org/)).



# 4.10 Activity report CTI Year 2015

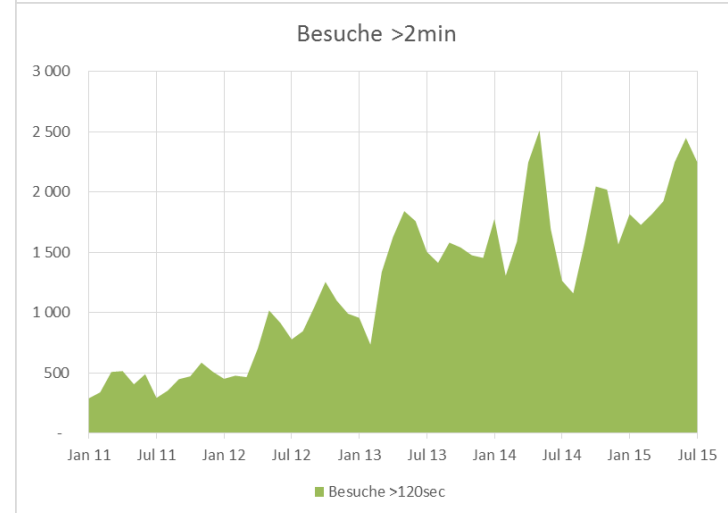
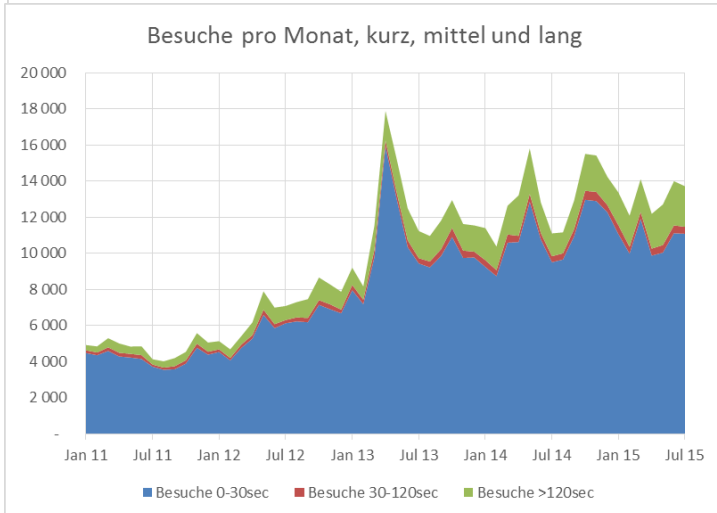
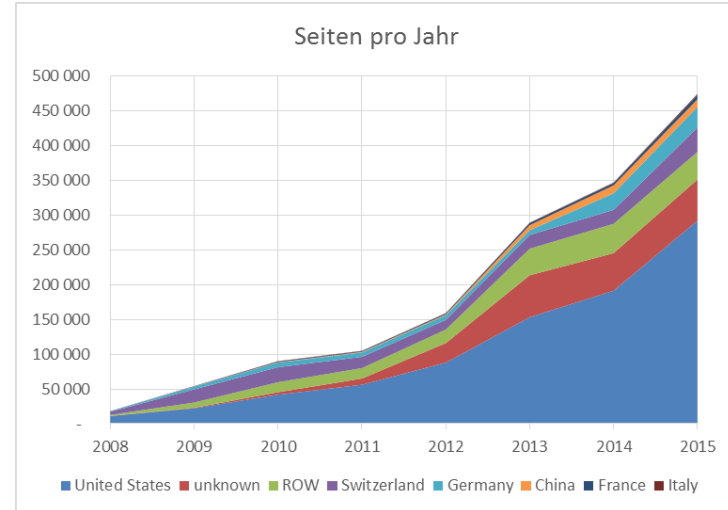
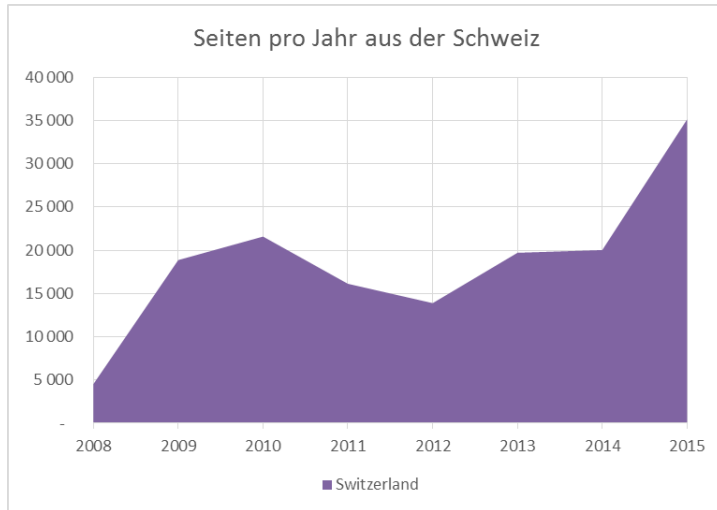
- International Year of Light of UNESCO in 2015 ([www.light2015.org/](http://www.light2015.org/)).





# 4.10 Activity report CTI Year 2015

- The website is frequently used



# 4.11 Activity report CTI Year 2015

- **Outlook for workshops: planned**

- 1-2.10. 2015 *Swiss ePrint (Sponsoring and co-organization), Neuchatel*
- 8.10.2015 *EPFL Industry Day*
- 27.10.2015 *Photonik Kolloquium: Dr. Oliver Föhnle, Buchs (SNOP)*
- 30.10.2015 *Solid State Lighting (SSSL)*
- 4.11.2015 *Swissphotonics/Apollo (EU project) workshop on materials processing, Burgdorf (SNAP)*
- 9.12.2015 *High Brightness laser sources, Burgdorf (SNFL); together with GA*
- 24.11.2015 *Photonik Kolloquium: Dr. Markus Rossi, Buchs (SNOP)*
- 26.01.2016 *Photonik Kolloquium: David Leuenberger, Buchs (SNOP)*
- 4.02. 2016: *Workshop on Machine Learning*
- 2016 *Outreach Event – PV for the benefit of society and businesses (SRPV)*
- 1.06.2016 *Common workshop with SwissFood: Sense for Food*

- **Outlook for workshops: proposed**

- Medtech Expo 2017 in Luzern
- Advanced manufacturing 2018 in Luzern

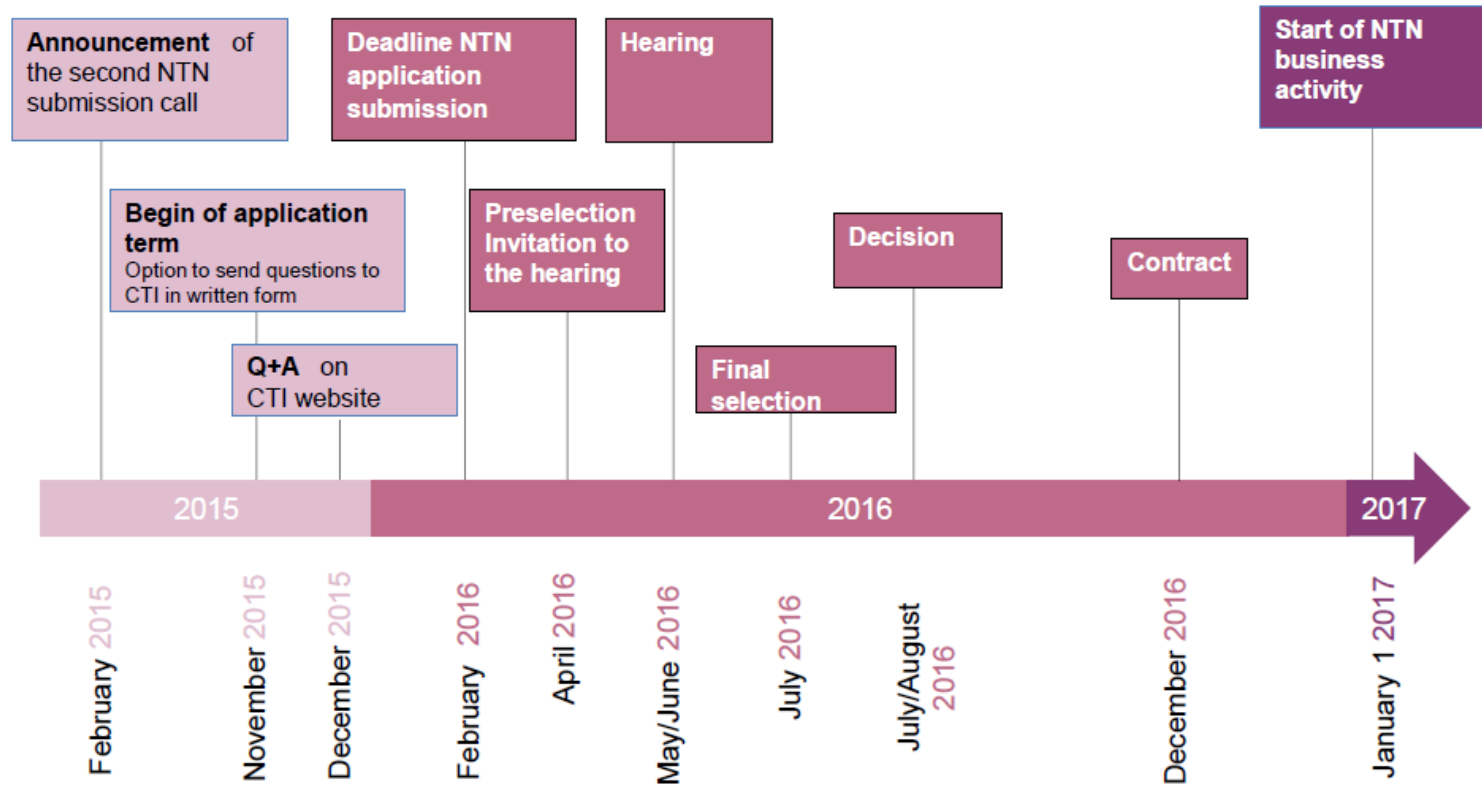
# 5. NTN review (Oct. 21) of CTI Year 2015

- **Goals and deliverables:**
  - Close to 100% achieved (final values not yet available)
  - Consider Swiss National Photonic Laboratories an excellent idea
    - CTI proposes to further accelerate implementation
- **Finances:**
  - Visibility for balanced budget through 2016, currently call for new NTNs (see later)
    - Self funding is around 100'000CHF/year through membership fees and Photonics 21 support

# 6. Submission of new NTN



## Schedule of the second NTN submission call



Subject to changes

1

# 6.1 Submission of new NTN

- **Challenge:**
  - Become self supporting within 4 to 6 years
- **Strategy**
  - Change from CTI sponsored innovation organization into an Photonics industry association, like EPIC, SPIE, Spectratrix, Electrosuisse,...
- **Proposed Budget**
  - Replace 350'000.- CTI funding by 150'000.- additional income
  - Reduce budget from 400'000.- to 200'000.-
- **Proposed Execution**
  - Membership fee: Increase members (>200) and average membership fee (500.-)
  - Additional income: EU projects, Service Workshops, SCCR (Energy).
- **Alternatives:**
  - Find other funding agency
  - Merge with EPIC, ..?

# 7. Annual accounts: 2014

- **Variances income**
  1. Membership fees (-)
  2. Last EU payment (-)
- **Variances Spent**
  1. Added conf. sponsoring
  2. Labs picking up speed
- **P&L**
  - Ongoing: breakeven
  - Extraord. spent: 220k
- **Details:**
  - Available
  - Equity: 0.8Mio
- **Audited**
  - Zürich Consulting Group
  - Auditors
    - Wegener, Boillat

	2014 budget	2014 actual	2014 comments
<b>Membership fees</b>	SFr. 35 000.00	SFr. 25 343.94	uneven collecting of 32'000
<b>KTI Beitrag</b>		SFr. 349 790.00	
Base	SFr. 210 000.00		
Bonus	SFr. 140 000.00		
<b>Sponsoring</b>	SFr. 0.00	SFr. 0.00	
	SFr. 49 500.00	SFr. 22 983.00	EU: Last payment moved to 2015
<b>Reserves</b>		-SFr. 12 100.00	
<b>Total Revenue</b>	<b>SFr. 434 500.00</b>	<b>SFr. 386 016.94</b>	<b>48'000 below budget</b>
<b>Managing Director</b>	SFr. 50 000.00	SFr. 54 720.00	
<b>President</b>	SFr. 75 000.00	SFr. 76 724.00	
<b>Outsourcing</b>	SFr. 30 000.00	SFr. 22 574.50	less than planned
<b>Admin</b>	SFr. 5 000.00	SFr. 8 441.30	Revision added
<b>Marketing</b>	SFr. 0.00	SFr. 15 419.19	Swiss market analysis
<b>Society contributions</b>	SFr. 8 000.00	SFr. 5 822.19	
<b>Workshops</b>	SFr. 150 000.00	SFr. 125 554.15	less than planned
<b>Travel</b>			
Reise	SFr. 5 000.00	SFr. 2 374.72	
Reise Inno/Europho21		SFr. 913.38	
<b>Special Program</b>			
Seed	SFr. 70 000.00	SFr. 62 000.00	two seeds missing
Konferenz Sponsoring		SFr. 29 410.09	Added during 2014
Studie		SFr. 8 666.80	market report
Nationale Labors	SFr. 490 000.00	SFr. 193 525.31	Speed picking up
<b>Finance cost/dep</b>		SFr. 0.15	
<b>Steuern</b>		SFr. 480.00	
<b>Total Cost</b>	<b>SFr. 883 000.00</b>	<b>SFr. 606 225.78</b>	
<b>Profit</b>	<b>-SFr. 448 500.00</b>	<b>-SFr. 220 208.84</b>	<b>ongoing ops at no loss</b>

# 8. Status accounts: CTI Year 2015

- **Variiances**
  1. Income (+ 80k)
  2. Outsourcing (-10k)
  3. National labs (-170k)
- **P&L**
  - Ongoing: Breakeven
- **Plan for Q4/14**
  - National Labs
    - 100'000
  - Seed
    - 20'000
- **For Info**

	2015 budget	30.9.15 status	30.9.15 view on Q4/15 budget	Comments
<b>Membership fees</b>	SFr. 32 000.00	SFr. 26 253.06	SFr. 5 746.94	
<b>KTI Beitrag</b>		SFr. 280 000.00	SFr. 70 000.00	
Base	SFr. 210 000.00			
Bonus	SFr. 140 000.00			
<b>Sponsoring</b>	SFr. 0.00	SFr. 0.00	SFr. 2 000.00	Hosting Appolo
	SFr. 39 000.00	SFr. 74 367.56		Europho21 income
Reserves		SFr. 39 800.00		
<b>Total Revenue</b>	<b>SFr. 421 000.00</b>	<b>SFr. 420 420.62</b>	<b>SFr. 77 746.94</b>	<b>80k above budget</b>
<b>Managing Director</b>	SFr. 50 000.00	SFr. 27 000.00	SFr. 27 000.00	
<b>President</b>	SFr. 75 000.00	SFr. 57 542.40	SFr. 19 180.80	
<b>Outsourcing</b>	SFr. 30 000.00	SFr. 0.00	SFr. 20 000.00	10K underspent
<b>Admin</b>	SFr. 5 000.00	SFr. 2 635.00	SFr. 2 000.00	
<b>Marketing</b>	SFr. 20 000.00	SFr. 19 635.21	SFr. 0.00	
<b>Society contributions</b>	SFr. 8 000.00	SFr. 2 790.00	SFr. 5 210.00	
<b>Workshops</b>	SFr. 150 000.00	SFr. 106 858.92	SFr. 43 141.08	
<b>Travel</b>				
Reise	SFr. 2 000.00	SFr. 0.00	SFr. 2 000.00	
Reise Inno/Europho21	SFr. 3 000.00	SFr. 5 978.30	SFr. 3 000.00	incl. Europho21
<b>Special Program</b>				
Seed	SFr. 54 000.00	SFr. 31 573.58	SFr. 20 000.00	
Konferenz Sponsoring	SFr. 16 000.00	SFr. 20 400.00	SFr. 0.00	
Studie	SFr. 8 000.00	SFr. 4 851.50	SFr. 0.00	
Nationale Labors	SFr. 400 000.00	SFr. 130 141.30	SFr. 96 000.00	170k underspent
<b>Finance cost/dep</b>		SFr. 5.30		
Steuern	SFr. 0.00	SFr. 1 090.80		
<b>Total Cost</b>	<b>SFr. 821 000.00</b>	<b>SFr. 410 503.01</b>	<b>SFr. 237 531.88</b>	
<b>Profit</b>	<b>-SFr. 400 000.00</b>	<b>SFr. 9 917.61</b>	<b>-SFr. 159 784.94</b>	<b>ongoing ops at no loss</b>

# 9. (Re)election of the board members

- **Discharge for**
  - Annual accounts 2014
  - Business of CTI Year 2015
- **Members** in charge: Dr. Andreas Ettemeyer
  - Dr. Christoph Harder: HPP, Schindellegi (President)
  - Dr. Christian Bosshard: CSEM, Muttenz (Managing Director)
  - Prof. Dr. Valerio Romano: UAS Burgdorf (BFH) (Vice President)
  - Dr. Gabriel Dumitru: Blösch Group, Grenchen (Treasurer)
  - Beat Lüscher: UAS Windisch (FHNW) (Actuary)
  - Prof. Dr. Carsten Ziolek, replacing Prof. Dr. Andreas Ettemeyer: UAS Buchs (NTB)
  - Dr. Lukas Krainer: OneFive, Zürich
  - Prof. Dr. Frank Nüesch: EMPA, Dübendorf
  - Prof. Dr. Christophe Moser: EPFL Lausanne
  - Josef Stirnimann: Inspire, Zürich
  - Dr. Kurt Weingarten: Lumentum, Zürich
- **Vote**



# 9. (Re)election of the advisory board members

- **Members**

- Dr. Bernhard Braunecker (Braunecker Engineering GmbH)
- Dr. Ulrich Dürr (VR Pres Meridian)
- Dr. Jürgen Hohnhaus (CTO Bystronics Laser AG)
- Dr. Stefan Nowak (Net Nowak Energie&Technologie AG)
- Prof. Dr. Konrad Wegener (ETH Zürich, IWF))
- Prof. Dr. Andreas Ettemeyer (Interstaatliche Hochschule für Technik, Buchs), replacing Dr. Carsten Ziolek
- Werner Krüsi (VR Fisba)
- Peter Kirkegaard (GM IMT)
- Beat de Coi (Founder, CEO & President bei Espros Photonics AG)
- Reinhard Völkl (CEO at SUSS MicroOptics)

- **Vote**

# 10.1 Business plan and Budget 2016

- **CTI/KTI: Meet and beat agreed upon KPIs of CTI Year 2016**
  - Project support sum: 8.5 Mio
  - Two H2020 projects accepted
  - Increase of third party funding
  - Two workshops in Romandie, one workshop in Grison
- **National Laboratories**
  - Invest last 200'000, plan to be essentially self supportive
- **Swissmem**
  - Continue collaboration with Swissmem Photonics Specialist group towards company presentations, "C" level interaction
- **International**
  - Photonics21: Be active in workgroups and board in order to prepare calls for Horizon2020 in 2017
  - Europho21: Support generation of Photonics Eurostar projects under the Swiss cohesion fund investment
  - Support EPIC GA in Zürich, April 21,22
  - Host IOA meeting in Zürich, April 22

# 10.2 Business Plan and Budget 2016

- **Income**
  - Around 400'000, as usual
  - Membership fees
- **Spending**
  - 400'000 ordinary
  - Last 200'000 on labs
- **P&L**
  - Ongoing: Breakeven
- **Equity at end of 2016**
  - Around 450'000
- **Vote**
  - To accept 2016 budget

	2016 budget	2016 comments
<b>Membership fees</b>	SFr. 35 500.00	100 members*350.- +10*50.-
<b>KTI Beitrag</b>		
Base	SFr. 210 000.00	
Bonus	SFr. 140 000.00	
<b>Sponsoring</b>	SFr. 20 000.00	
	SFr. 0.00	EuropPho payment for 2 years comes in 2017
Reserves		
<b>Total Revenue</b>	<b>SFr. 405 500.00</b>	
<b>Managing Director</b>	SFr. 54 000.00	
<b>President</b>	SFr. 75 000.00	
<b>Outsourcing</b>	SFr. 30 000.00	submission of NTN
<b>Admin</b>	SFr. 5 000.00	
<b>Marketing</b>	SFr. 20 000.00	Continue Webpage support
<b>Society contributions</b>	SFr. 8 000.00	
<b>Workshops</b>	SFr. 130 000.00	
<b>Travel</b>		
Reise	SFr. 2 000.00	
Reise Inno/Europho21	SFr. 5 000.00	
<b>Special Program</b>		
Seed	SFr. 54 000.00	
Konferenz Sponsoring	SFr. 16 000.00	
Studie	SFr. 8 000.00	
Nationale Labors	SFr. 210 000.00	Last
<b>Finance cost/dep</b>		
Steuern	SFr. 0.00	No tax due to losses
<b>Total Cost</b>	<b>SFr. 617 000.00</b>	
<b>Profit</b>	<b>-SFr. 211 500.00</b>	ongoing ops at no loss

# 11. Motions/amendments of the members

- **Amendments/motions**
  - None
- **Discussion points**
  - None

# 12. Varia

- **Proposals, comments and questions from the members**
  - Discussion