



**LESI Committees:**  
***End of Year Report for the 2021 International Management  
and Delegates Meeting – May 19, 2021***  
*Submitted: 10 May 2021*

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<b>Committee Name</b>	Global Technology Impact Forum
<b>Chairs and Vice Chairs</b>	Omer Hiziroglu and Mark Wilson
<b>LESI Board Liaison</b>	Pamela L Cox

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### **GTIF History and Background**

LESI established the GTIF event within the NGO, not-for-profit and business communities as a unique offering. Consistent with LESI’s values, the Forum brings together parties from multiple industries and IP professionals to discuss and to share best practice in the use of IP in business to achieve societal goals. This practical application of the use of IP for socially-beneficial businesses is unique in the IP, NGO and business domains; the GTIF exploits and promotes LESI’s role as an “honest broker” and as a leading organisation in the use of IP in business.

### **Update**

- Plans for events have now been developed, which will allow for re-establishment of activities during the next calendar quarter.
- The need to re-assess the GTIF offering, COVID challenges and extensive work commitments have impacted the development of a new GTIF set of events during the past year.

### **Advisory Board**

An advisory board for GTIF was established and met to consider how best to re-establish and to revitalise the set of events, in light of the challenges of the pandemic and the move to web-only events.

- James Malackowski (former President of LESI and founder of GTIF)
- Kristi Stathis (former senior organiser and project manager of GTIF events)
- Julie Barnes-Weise (Global Health Innovation Alliance Accelerator, Duke University)
- Chris Katopis (former Executive Director of LESI)
- Pamela Cox (Board Liaison)
- Dana Colarulli (LESI Executive Director)

Two events have been developed and are proposed for early 2021-2022, subject to advisory board approval. (Please see the report annexes.)

### **Impact Investing: The State of the Art and Current Trends**

- The field of “impact investing”, which applies venture capital approaches to achieve social impact objectives, has developed over the last 5-10 years into a specialist sub-field, with the

implementation of a variety of fund structures and approaches. Impact investment funds aim to apply VC-based approaches, but to relax one or more standard constraints (e.g. required return), in order to foster effective growth of new ventures and the accomplishment of social impact objectives. This webinar will reflect the different financial models that are being applied creatively, across countries, in order to satisfy investment and impact objectives, and to advance best practice in this emerging field.

### **Socially-Responsible Licensing in the Era of COVID-19**

- The concept of “socially-responsible licensing”, which seeks either to ensure socially-beneficial use of technologies or to avoid socially-negative use of licensed IP, has developed over the last 10-15 years. A large number of university-level institutions seek to include some licence terms that relate to these objectives, and many large multinationals in the pharmaceutical field, have adopted public pledges (e.g. AstraZeneca’s commitment that it will not profit from the Oxford-AstraZeneca COVID-19 vaccine during the pandemic) or developed other initiatives (e.g. GSK’s creation of royalty-free licensing arrangements, in connection with IP related to neglected tropical diseases.) This webinar will reflect on how licensing practitioners and IP academics see the current landscape, consider how industry can respond to address the concerns of civil society stakeholders, and suggest how licensing practices may change in the future.

### **Proposed Objectives 2021-2022**

- Deliver the two web events that have been proposed (subject to advisory board approval)
- Plan and arrange 2-3 further web events during 2021-2022
- Develop a way of engaging with the “GTIF community”, outside of the conference event itself
- Identify potential long-term partner organisation(s) that could assist in the further development of GTIF

## Annexes

The following materials are provided as annexes to the summary report.

- Event Proposal: Impact Investing
- Event Proposal: Socially-Responsible Licensing
- GTIF Strength – Weaknesses – Opportunities Assessment
- Note: Prior GTIF Events



## Global Technology Impact Forum

### International Discussion Workshop

#### **Impact Investing: The State of the Art and Current Trends (Impact Initiatives: Socially-Responsible Investment Approaches)**

July 2021

#### **Description**

- The field of “impact investing”, which applies venture capital approaches to achieve social impact objectives, has developed over the last 5-10 years into a specialist sub-field, with the implementation of a variety of fund structures and approaches. Impact investment funds aim to apply VC-based approaches, but to relax one or more standard constraints (e.g. required return), in order to foster effective growth of new ventures and the accomplishment of social impact objectives.
- Several US groups pioneered these approaches, and there has been a rise in the number of funds (and total investment) in this field in Europe, in recent years. This type of activity complements more traditional social impact financing (e.g. funding for socially-oriented business such as housing associations).
- As the financial investment and asset management community continues to witness a rapid growth of interest in environmental, social and governance (“ESG”) funds, reflecting increasing end-consumer concern about environmental and social development issues, it is timely to assess current trends.
- This webinar will reflect the different financial models that are being applied creatively, across countries, in order to satisfy investment and impact objectives, and to advance best practice in this emerging field.

#### **Benefits**

- To illustrate different models of investing for social impact, and to showcase a number of thought-provoking and innovative initiatives
- To identify challenges, opportunities and trends in the field of venture-oriented impact-investing, taking an international perspective
- To bring together a network of interested individuals from within the LESI membership and beyond

## Agenda

### Introduction (5-10 minutes)

- TBC

### Impact Investing (1 h – 1h 15 m)

- Lonnie Rosenwald (360 Degrees Law / ex- Intellectual Ventures) (US)
- Mike Johnson, St George St Capital (UK)
- Bradley Hardiman, Future Care Capital (UK)
- Casa do Impacto – Speaker TBC (Portugal)

### Closing Comments (5-10 minutes)

- Speaker, TBC



## Global Technology Impact Forum

### International Discussion Workshop

## Socially-Responsible Licensing in the Era of COVID-19

September 2021

### Description

- The concept of “socially-responsible licensing”, which seeks either to ensure socially-beneficial use of technologies or to avoid socially-negative use of licensed IP, has developed over the last 10-15 years.
- A large number of university-level institutions seek to include some licence terms that relate to these objectives, and many large multinationals in the pharmaceutical field, have adopted public pledges (e.g. AstraZeneca’s commitment that it will not profit from the Oxford-AstraZeneca COVID-19 vaccine during the pandemic) or developed other initiatives (e.g. GSK’s creation of royalty-free licensing arrangements, in connection with IP related to neglected tropical diseases.)
- Global interest in this area has been heightened following contemporary news coverage of “IP waivers”, and discussion of concerns that relate both to maintaining effective incentives to innovation and global access to medicines.
- These high-level events, which arise from the unprecedented nature of the pandemic, are likely to have significant effects on the views of institutions and to affect everyday technology licensing practices and approaches.
- This webinar will reflect on how licensing practitioners and IP academics see the current landscape, consider how industry can respond to address the concerns of civil society stakeholders, and suggest how licensing practices may change in the future.

### Benefits

- To reflect on the historical development of socially-responsible licensing
- To consider the viewpoints of different parties and how industry and institutions are responding to IP issues that have been raised by civil society groups
- At a practical level, to provide some indications regarding how the pandemic and the associated public IP discussions may affect day-to-day licensing practices
- To bring together a network of interested individuals from within the LESI membership and beyond

## Agenda

### Introduction (5-10 minutes)

- Speaker, TBC

### Panel Discussion: Socially-Responsible Licensing in the Era of COVID-19 (1 h – 1h 15 m)

- Loy Lobo – President, Digital Health Section, Royal Society of Medicine (UK)
  - A global perspective: digital technologies as health system “enablers”
- Christian Suojanen – Founder / CEO, Broadview Global (US)
  - Trends in life science business development and venture capital: a changing landscape
- Kirsten Schilling, Innovectis / Goethe University, Frankfurt (Germany)
  - Socially responsible licensing: a university perspective
- Frank Tietze, Lecturer in Technology and Innovation Management, Cambridge University (UK)
  - Crisis-critical intellectual property: findings from the pandemic

### Closing Comments (5-10 minutes)

- Speaker, TBC



## Global Technology Impact Forum

### Strengths / Weaknesses / Opportunities Assessment

#### Summary

LESI has established the GTIF event within the NGO, not-for-profit and business communities as a unique offering, which enhances LESI's reputation. Consistent with LESI's values it brings together parties from multiple industries and IP professionals to discuss and to share best practice in the use of IP in business to achieve societal goals. This practical application of the use of IP for socially-beneficial businesses is unique in the IP, NGO and business domains; the GTIF exploits and promotes LESI's role as an "honest broker" and as a leading organisation in the use of IP in business.

Despite these positive aspects, past events have shown that there are challenges in developing the GTIF events further within LESI. The GTIF conference offering is a minority interest within the broad LESI organisation, and it has proven to be difficult to expand the audience significantly. In addition, it is important that GTIF can be sustainable and self-supporting from a financial perspective.

In light of these considerations, it is recommended that potential partner organisation(s) be sought to collaborate and to co-promote future GTIF in-person conferences. Such an organisation would be expected to support the event financially, minimising or eliminating the financial risk for LESI.

Consequently, the following principal objectives are recommended.

- Arrange a set of web events for 2021-2022
- Develop a way of engaging with the "GTIF community", outside of the conference event itself
- Identify potential long-term partner organisation(s) that could assist in the further development of GTIF

#### 1. Background

GTIF has become established over the past seven years as a significant gathering of leadership figures of non-government organizations (NGOs), representatives of industrial corporations, and senior intellectual property professionals, who are committed to improving the transfer of IP and related technology in order to achieve social benefits of different kinds. Consistent with the LESI's remit, GTIF's scope includes "the business of IP" and the discussion and promotion of business models that transfer IP and technology for societal and environmental benefit.



## GTIF Enables Engagement with Important Constituencies

GTIF is a unique offering from LESI to the NGO and IP communities, bringing these two professional groups together, leading the debate on how IP expertise, professional legal knowledge and business development skills can be deployed for societal and commercial benefit. In leading this debate, LESI indicates that it is a globally-aware, socially-responsible organization that wishes to foster the utilization of professional skills related to IP to impact positively a broad community. The event has benefits for LESI as GTIF interactions with government bodies, NGOs and industry groups raise the profile of LESI with these constituencies, and the initiative attracts socially-aware individuals to LESI as members, potential members and collaborative partners.

## 2. Discussion

### Key Benefits for LESI

A number of major benefits arise directly from LESI's GTIF initiative.

- Increased interaction with governmental organizations, enhancing the reputation and standing of LESI
- Engagement with non-governmental organizations allowing LESI to contribute effectively to current debates as a major and non-partisan voice of the global IP-based business community
  - Examples: Gates Foundation, Medicines Patent Pool, and the Milken Institute / Faster Cures
- Enhancement of the profile of LESI with a cohort of socially-responsible industrial and legal professionals
- Development of a novel and attractive aspect of LESI's activities, for socially-aware professionals who are at an early or mid-career stage, and who constitute a key demographic for LESI's future

### Challenges with the GTIF Events

Past events have shown that there are challenges in developing the GTIF events further within LESI.

- The GTIF conference offering is a minority interest within the broad LESI organisation, and it has proven to be difficult to expand the audience significantly.
  - A number of different formats have been tried, but attendance has remained moderate. Comment from LESI Board members and delegates about the technical content has been positive, and the technical programme content is considered to have been of a high standard. However, for GTIF to develop, it is vital that in-person meetings attract larger audiences.
- It is important that GTIF can be sustainable and self-supporting from a financial perspective.
  - Although highly-regarded by conference participants and those who are familiar with the conference event, prior meetings have required significant financial support from LESI. This generous support is unlikely to be sustainable in the longer-term and it is important that GTIF becomes financially self-sustaining, in the event that (as is anticipated) in-person conferences resume, following the pandemic.

## Future Direction and Opportunities

A number of possibilities exist to continue prior GTIF activities, to develop these further and to try to address the challenges that are noted above.

- Engage a broader community, focussing on individuals who are not members of LESI societies
- Enhance LESI's reputation in the IP community, by developing the conference and publishing linked articles
- Seek a partner organisation, or organisations, to amplify the impact and reach of GTIF activities
- Develop a network of individuals who have engaged with the LESI GTIF team (e.g. through use of newsletters, or social media) to increase awareness of GTIF and to reinforce the positive impression of LESI among external stakeholders

## 3. Recommendations

### Organise a series of Web Events

Historically, the core offering of GTIF has been the annual one-day conference, which has brought together diverse participants. However, in light of the constraints of the pandemic, the intention is to arrange a set of web events during 2021-2022.

In the event that in-person events become possible, in the next few months, a one-day conference could be arranged. The ideal location for an event would be in a major business city in Europe or the US, where a substantial NGO community is located (e.g. New York, Washington or London). It is recommended that any future in-person conferences are separated from the LESI Annual Meeting, in order to seek a broader audience and to enable close co-operation with a partner organisation.

### Build NGO Engagement

With regard to in-person conferences, particular attention would need to be given to the issue of securing appropriate engagement and interactions with NGOs, given the reluctance of these organizations to send delegates to conferences. One option may be to seek sponsorship of the event in order to fund delegate costs for representatives of these organizations, or to obtain direct funding from a partner organisation.

### Publish Key Outputs

Arrangements could be made, through collaboration with interested bodies and academics, to capture the learning points from the meeting in articles for inclusion in Les Nouvelles, or other media.

### Develop an Informal GTIF Network

The positive benefits for LESI of initiating and developing GTIF could be enhanced by establishing means of contacting those individuals who have attended events, spoken and presented, or expressed interest in the Forum. Many individuals at NGOs (e.g. Medicines Patent Pool, BioVenture for Global Health) have collaborated to develop the conference agendas and have been enthusiastic about the unique nature of the event. It would be positive for LESI to maintain some routine contact with this influential community. A resource-light approach could be taken, such as production of a six-monthly electronic newsletter.

## Seek a Partner Organization

Given the steady but limited interest from LESI members in the GTIF conferences, access needs to be obtained to a broader potential set of attendees and interested parties. While there are a number of ways to address this challenge, engaging with partner organisations is a low-risk approach that is highly likely to be successful. In light of these considerations, it is strongly recommended that one or more partner organisation(s) be sought to collaborate and to co-promote future GTIF events. Such an organisation would be expected to support any in-person conferences financially, minimising or eliminating the financial risk for LESI in staging an event. In addition, branding would need to be considered carefully, with LESI's contribution to GTIF being fully acknowledged. If this approach were to be approved, the LESI Board would need to approve initiation of discussions, to be kept informed of talks as these progressed and to approve all final arrangements.

## 4. Potential Objectives for 2021-2022

The following principal objective are recommended for 2021-2022.

- Arrange a set of web events for 2021-2022
  - Two events are currently planned, with a life science theme; further web events, which address other sectors, are under consideration.
- Develop a way of engaging with the “GTIF community”, outside of the conference event itself
  - There is a potential to communicate and to engage with those individuals who are outside of LESI and who have been involved in planning prior events, have attended events, or who have expressed enthusiasm and support for GTIF's aims and purposes.
  - Such engagement would add considerably to the impact of GTIF and to enhance LESI's reputation within the NGO community.
- Identify potential long-term partner organisation(s) that could assist in the further development of GTIF
  - Collaboration with other organisations could allow broader awareness of the nature of GTIF and the benefits of participation, and enable any financial risk associated with in-person events to be minimised for the LESI Board.

## GTIF - Prior Events

### The Inaugural Geneva Events 2012-2014

In 2012, 2013 and 2014, GTIF events were held in late January of each year at the Geneva headquarters of WIPO, and Francis Gurry chaired the initial debate at these events. The International Chamber of Commerce, WTO and EPO participated in these events, along with groups such as the Gates Foundation, Medicines Patent Pool and BNDES, and corporations such as Syngenta, Orange, Qualcomm and GlaxoSmithKline.

### The 2015 Event - Brussels

In April 2015, the 4th Annual LESI Global Technology Impact Forum (GTIF) took place as a half-day meeting that was integrated within the Annual Meeting of LES International, in Brussels, with approximately 90 people participating. The event began with a luncheon panel on “Women in IP Leadership”, with distinguished speakers including Esther Vila Roure of Cisco, the author Elmira Bayrasli and Sherry Rollo of the law firm Husch / Blackwell. The lively panel was moderated by Anna Morawiec Mansfield of WIPO. The first panel of the main conference event discussed government perspectives on IP in connection with social and humanitarian objectives, with contributions from Wolf Meier-Ewert of the WTO, Ged Owens of the EPO and Edward Elliott of the USPTO. These speakers made clear the importance of IP to economic growth, the role of the patent offices and the growing interest among these governmental organizations of activities related to GTIF’s remit.



*GTIF 2015: Wolf Meier-Ewert (WTO) and Jean-Christophe Troussel*

### Beijing 2016 – Annual Meeting Workshop Session

A GTIF session was delivered as part of the LESI Annual Meeting in Beijing in 2016, in order to provide informative content for the conference and to maintain some continuity in GTIF activities. Speakers included Michael Mangelson of the USPTO, Luc Savage of Orange, Hector Chagoya of Becerril, Coca and Becerril, and Mark Wilson of GlaxoSmithKline.



*GTIF 2015: Christine Gould, Syngenta*

### **The 2017 Event - Paris**

The 2017 GTIF was hosted by the French patent office (“INPI”), comprised a full-day meeting (as an additional day following the Annual Meeting in Paris), and featured a number of industry-focussed panels. The meeting was initiated through a discussion on patent policy chaired by LESI President Peter Hess, with contributions from Marcelo Di Pietro of WIPO and Paul Salmon of the USPTO. In order to review the life science industry’s learnings on twenty years of public-private healthcare partnerships, a discussion on this topic was chaired by Francois Painchaud and featured presentations from Julie-Barnes-Weise on the activities of the Global Healthcare Innovation Alliance Accelerator (“GHIAA”), Magali Poinot on the contracting practices of IMI (the EU’s industry-government health research initiative), and Julie Hutson, who reviewed the diverse grant and venture funding activities of the Wellcome Trust.

The 2017 event took place on World IP Day, and Patricia Bunye, as the Immediate Past-President of LESI, graciously joined the event and spoke to the audience, from 17 nations around the globe, about the significance of World IP day. A number of industrial sectors were discussed at GTIF in 2017. Following the World IP Day presentation, Michael Levy reviewed trends in the energy sector and described the practical issues in the wide-scale adoption of fossil fuel replacement technologies, in a bravura post-lunch presentation; the agricultural sector was featured through discussion by Dominic Muyldermans of CropLife and Willem Ruster of law firm Redqueen of an agrochemical case study. Under the guidance of Anna Morawiec Mansfield of WIPO, Angela Baker of Qualcomm described how her company enables adoption of a range of telecommunication-based technologies with social benefits in many territories, Manfred Horst, formerly of Merck, discussed trends in the life sciences sector, and Chan Park, of the Medicines Patent Pool, outlined his NGO’s unusual and innovative approach to licensing pharmaceutical IP, in order to enable distribution of medicines for HIV in less developed countries. In a change to the established format, the final session comprised a workshop, led by Pamela Cox of Marshall Gerstein, Gary Keller of Xomix, Julie Barnes-Weise and Julie Huston, on practical approaches to socially-responsible licensing, with extensive audience participation. Approximately 50 delegates and speakers attended the event, which provided diverse and expert opinion on the issues of developing sustainable business models that can enable the transfer of technologies at scale for societal purposes.

## The 2017 Event – San Diego

A key theme of the 2018 event, in line with the 2017 event and consistent with Peter Hess's theme for his presidency, was the application of novel business models, IP arrangements and financing structures that enable societal change to be delivered as a consequence of for-profit business models. Related topics, such as novel partnership arrangements among industrial companies, NGOs and government bodies, and the optimum IP and alliance management practices that can be employed in public-private partnerships were also discussed.

The conference opened with a keynote address from William J Merritt, the CEO of InterDigital. This speech made clear the importance that InterDigital ascribes to licensing practices, and to deal negotiation and IP management skills. Arrangements concerning IP and financial structures were discussed in the context of "social venturing" (or "impact investing") groups, during a panel discussion that featured Stan Fleming, of the life science venture capital firm Forward Ventures, Greg McKee, the CEO of the local entrepreneur network Connect San Diego, and Lonnie Rosenwald of Intellectual Ventures.

In a second panel discussion, Edward Kwakwa of WIPO, Albert Keyack of the EPO and Joseph Hargan-Calvopiña of BioVentures for Global Health, discussed the challenges in managing projects for societal benefits and the specific programmes and IP arrangements that their organisations employed.

The meeting closed with an address from Kerry Faul, who has established the National Intellectual Property Management Office ("NIPMO") in South Africa, creating a set of university technology transfer offices, and enabling the commercialisation of notable diagnostic and medical device technologies. Dr Faul provided an impressive account of how a new technology transfer structure had been created on a national scale, and how the organisation had dealt with numerous challenges in its early period of operation.

*The agenda for the 2018 event is appended below.*



## Appendix - 2018 GTIF Agenda

**“IP Investment and Venture Capital Add-On”**

Join the GTIF in San Diego, May 2, 2018

**LES** Global Technology Impact Forum

Developing And Commercializing Technologies For The “Double Bottom Line”

#GTIForum

Managing The Finance And IP Challenges

Manchester Grand Hyatt  
[www.lesi.org/events/gtif](http://www.lesi.org/events/gtif)

**Keynote:**  
**William J. Merritt**  
President and CEO, InterDigital

**Luncheon Keynote:**  
**Kerry Faul**  
South Africa National IP Management Office

**Panel Workshops**

8:30 **Registration**

**Session 1: Keynote Address:** William J. Merritt, President and CEO, *InterDigital*

**Session 2: Financing Technology Development (Moderated Panel Discussion)**  
*Why has impact investing emerged in the last 10 years? What “market failures” exist and how can these be addressed?; Are philanthropic groups successfully adopting VC practices, and to what extent are social and business benefits compatible?; How common are experiences across sectors?*

**Speakers:** Stan Flemming, Founding Managing Partner, *Forward Ventures*  
Greg McKee, President and CEO, *CONNECT*  
Lonnie Rosenwald, Chief Counsel, Invention Science and Development, *Intellectual Ventures*

**Moderator:** Mark Wilson, *Strategic Biotech*

**Session 3: Managing IP in “Double Bottom Line” Projects (Moderated Panel Discussion)**  
*As many bodies move from grant-giving to investing, how are IP terms changing? How do social development projects differ from commercial ones in terms of specific IP provisions? How can university licensing professionals best interact with impact investing groups and social VCs?*

**Speakers:** Albert Keyack, *EPO Attaché to the United States, European Patent Office (EPO)*  
Mr. Edward Kwakwa, *Senior Director, Department for Traditional Knowledge and Global Challenges, World Intellectual Property Organization (WIPO)*  
Joseph Hargan-Calvopiña, Ph.D., *Program Manager, BIO Ventures for Global Health (BVGH)*

**Moderator:** Jennifer Brant, *Executive Director, Innovation Insights*

12:30-2:00 **Session 4: Lunch with a Guest Speaker**  
Kerry Faul, Head, National IP Management Office (NIPMO), South Africa  
The role of NIPMO in South Africa; Establishing technology transfer infrastructure; challenges and successes in developing socially-beneficial technologies for business purposes.

Discount Registration still available at: <https://www.lesi.org/events/gtif>