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Performance of the Comprehensive Agricultural Support Programme (CASP), and its infrastructure development project at Dolidoli Village, Musekwa Valley, Limpopo Province: Solutions through Social Capital adoption

ABSTRACT

7 The main objective of this paper was to assess and evaluate the performance of the Comprehensive Agricultural Support Programme (CASP) in the Musekwa Valley. This 8 9 paper proposes a corrective approach to the complexities experienced at the programme. Primary data were collected from Fifty five (n=55) households using a questionnaire-based 10 survey. Field work, Focus Group Discussion (FGDs) and Key Informant Interviews (KIIs) 11 12 were also employed to collect data. The results revealed that the CASP was used to supply 13 agricultural infrastructure. However, the programme experienced intertwined complexities. Poor infrastructure was supplied. The infrastructure was also being extensively vandalised. 14 15 Social capital and social entrepreneurship could be adopted to address the complexities. A 16 follow-up study on the vandalism of infrastructure is imperative.

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18 Keywords: Farmer support; involvement; social capital; social entrepreneurship;
 19 vandalism; farmer support; On-farm infrastructure; development.

21 **1. INTRODUCTION**

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23 Post-liberation and post-colonial governments in Sub-Saharan Africa (SSA) and elsewhere in 24 the developing regions have for many decades tried to conceptualise poverty alleviation 25 programmes designed as innovations to assist agricultural systems to meet the expected 26 targets of combating socio-economic complexities such as poverty and other related socio-27 economic inequalities with regard access to productive resources. In fact, many a developing economies around the world have always sought to stimulate agricultural productivity in 28 29 order to aid sustainable development amongst vulnerable societies - especially in communal 30 areas. National governments, development agencies and planners, international organisations on socio-economic development have sought to lobby grass-roots initiatives from amongst 31 32 the citizenry to actively participate in finding solutions for under-development complexities -33 especially in agriculture. Evidently, the majority of post-colonial and post-liberation 34 governments in SSA in particular were worried of the state of their economies to guarantee 35 livelihood and food production and security safety nets which in most cases looked 36 increasingly vulnerable. The majority of post-colonial economies therefore sought to invest in 37 agricultural technological efficiency, infrastructural capacity and human competence levels in 38 agricultural practice; be it in production or marketing for example. This was aimed at 39 stimulating and fast-tracking sustainable development with major priorities being the vulnerable communities. Developmental policies targeted the involvement of a multi-40 41 stakeholder base and networks by recruiting and enlisting individual and collective 42 competences from non-state and non-scientific actors in particular to maximise societal innovation capacities in areas of agricultural education, extension, human resource 43 development, learning and skills development in technological adoption amongst others. In 44 45 fact this approach would drastically improve consultation of the citizenry in envisaged 46 development tools and instruments while increasing capacity building and empowerment of 47 the general citizenry in development. This paper investigates one programme meant for promotion of rural development imperatives in South Africa; how it was conceptualised and 48 49 implemented. The paper extends its scope by investigating the complexities and constraints

50 impacting on this programme by making use of a case study based on an infrastructure 51 development project at the Dolidoli Village of Vhembe District, Limpopo Province, South 52 Africa.

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2. BACKGROUND TO THE STUDY, AND THE CASE STUDY

56 One of the most dreadful deficiencies of post-liberation and independence Sub-Saharan 57 Africa is increased scourge of poverty - especially amongst the vulnerable rural resource-58 poor; who most undesirably were in the majority. It is lamentable in addition that the majority 59 of these poor affected by rampaging poverty in the main comprised women and children. Women and children are vulnerable to poverty because they lack access to productive 60 61 resources as compared to men, and adults in general. Based on this, most of post-62 independence transitional economies of Sub-Saharan Africa had sought to assist these 63 disadvantaged vulnerable groups such as women and children to benefit from the new socio-64 political trends brought about by the post-liberation era by emancipating them from poverty. 65 This target saw an emergence of fundamental agricultural policy reforms in most regions of 66 Sub-Saharan Africa post-liberation and independence aiming at transformation of the social, 67 political and economic conditions of the majority of the vulnerable designated groups such as 68 women and children. Since the majority of indigenous African societies depended on agro activities for livelihoods and survival, agriculture was identified the main target for 69 70 improving these societies. These resultant policy reforms aimed at increasing agricultural 71 productivity and farmer market participation - especially amongst small-holder communal 72 subsistence farmers in the rural areas amongst others [6]. In the case of South Africa for 73 example, the post-apartheid government advocated for a creation and development of a 74 middle class entrepreneur base of Black farmers in particular. Government's argument has 75 been that this approach would redress the impact of the apartheid agricultural policy effected 76 by successive National Party (NP) regimes on power since 1948 to 27 April 1994 at South 77 Africa's liberation on the socio-economic welfare of Black communities in particular.

78 Apartheid had created two-centres of agricultural economy in South Africa; those of 79 the rich Whites commercial farmers and that of the poor Black subsistence farmers on the one hand. Unfortunately, the effects of this dreadful segregative apartheid policy persistently 80 81 spilled over into the new democratic era long after apartheid had ended. This had to be 82 speedily and expediently arrested and corrected. The post-apartheid government had to 83 therefore facilitate for a new transformational agricultural policy position which would 84 ensure that vulnerable groups were affirmed to become agriculturally productive, and active 85 beneficiaries of an equitable mainstream formal economy. This, would, as postulated reduce 86 existing enormous socio-economic disparities and inequalities between poor Blacks and rich Whites still characterising South Africa's economy [58]. Pursuing this target, the post-87 88 apartheid government argued that Black communal subsistence farmers for example needed 89 increased and accelerated government-backed affirmation by increasing institutional support 90 in order to fast track their integration with the commercial sub-sector of agriculture already 91 pre-dominated by White farmers. According to [8], the fast tracked integration of communal 92 subsistence Black farmers into mainstream formal economy would also fast track the Black 93 farmers to commercialise some of their farming sections. The thinking was that 94 commercialisation would improve productivity capacity of the subsistence communal 95 farmers; which had been identified as being low while enhancing the opportunities of the 96 majority of these farmers to also actively participate in mainstream formal economy. In 97 addition, food security capacity would also be enhanced amongst these groups. Resultantly, 98 various farmer support policy measures were therefore developed and implemented [30, 33].

99 The support measures hinged on the so-called National Agricultural Strategy of 2001 and 100 2015 respectively [22]. According to [22], the National Agricultural Strategy set out the socalled "eight priority programmes". The eight priority programmes were meant for fast 101 102 tracking agricultural development, black economic empowerment, development of 103 agricultural infrastructure, improving food security capacity, improving knowledge and 104 information management capacity, preservation and conservation of natural resources, 105 improving regulatory services and agricultural research – with the formerly disadvantaged 106 groups being the main beneficiaries of the programmes. [22] further indicated that one such 107 program developed by post-apartheid government in South Africa is the CASP. Of all these 108 programmes, this paper focuses specifically on the role played by the CASP.

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3. LITERATURE REVIEW ON THE CASP AND MOTIVATION FOR THIS PAPER

112 Of late, empirical research on the CASP has been intensively growing. Amongst the latest on 113 the CASP, [22] emerged with the audit of CASP projects in Gauteng Province with the 114 study's main focus on women empowerment projects. On the other hand, [22] investigated 115 the challenges facing the implementation of the CASP. [12] assessed capacity building of the 116 CASP in Capricorn District, Limpopo Province. In this study, [12] focused on the role of the 117 CASP in farming skills and techniques development amongst resource-poor beneficiaries of 118 Land Settlement programmes. Conspicuously absent however is literature investigating the 119 performance of the CASP in farming communities where CASP was implemented. This paper 120 fills that research gap. The investigation of this paper has been necessitated by existing mixed 121 reports on the performance of the CASP in particular. Existing literature [2,33] has reported 122 massive failures of the CASP while others [22] have, on the one hand reported considerable 123 successes in some other regions of South Africa [31].

Despite the successes mentioned by [20], such successes on the CASP in some regions, in most instances had failed to convincingly postulate that national success story. In the main, the arguments posted by [31] suggest that farmer support programmes fail to adhere to the guidelines posted above. There is lack of consensus in existing literature to the successes of the CASP for instance. The lack of consensus might suggest that the successes of the CASP have been sporadic and intermittent – lacking in consistency, alternatively that the failures on the other hand have not been entirely and convincingly all over.

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3.1 Contextualisation of the CASP

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134 This section briefly describes what Comprehensive Agricultural Support Programme (CASP) 135is all about while also describing the programmes' successes and its complexities and 136 constraints on the one hand. According to [22] the CASP is a programme initiated by the 137 post-apartheid government in South Africa on the 30th May 2004 with an aim of providing 138 post - settlement support to the targeted beneficiaries of land reform programme for land 139 redistribution. In addition, the CASP covered other producers outside the beneficiary lists of 140 the post-settlement programme – especially those producers who would have acquired land 141 through private means and such producers having been deemed crucial because of their 142 continued engagement in value-adding agricultural entrepreneurship; either domestically or 143 through international exportation of their produce [22]. [22, 33] further indicated that the 144 goals of the CASP were structured for the programme to have priority with regard the 145 programmes' intervention in the development and empowerment of farmers in areas 146 concerning information and technology management, technical and advisory assistance, and 147 regulatory services, marketing and business development, training and capacity building,

148 on/off farm infrastructure and product inputs development, and provision of financial support 149 for instance. Evidently, the CASP is meant to increase support to farmers who have had 150 limited or no government institutional support services prior to end of apartheid in April 1994 151 when South Africa was liberated from apartheid [31]. Since its inception in May 2004 [22, 15233], the CASP is said to have had its fair share of successes although there are also incidences 153 of notable complexities and constraints for the programme is some areas. With regard 154 successes, [22] for example posted that the programme was successfully adopted in the 155Gauteng Province to empower women in various projects. On the other hand, [12] reported 156 that the programme was successfully used for farmer capacity building in the Capricorn 157 District of Limpopo Province. The successes of the CASP in some areas and its challenges in 158 some, raise mixed reactions amongst beneficiaries of the programme. For example, the gains 159 of the CASP are recognised and appreciated in those areas where beneficiary farmers would 160 for instance improve on their various factors of their farming in critical factors such as 161 increased and improved access to government's financial support. This perception is expected 162 because of the history of farmers in the resource-poor communal areas having had no access 163 to such financing by commercial institutions who would always regard them too risky a 164 sector. Through CASP, beneficiary farmers are able to improve their capacities with regard 165 purchase of farm inputs, development of infrastructure and their farming skills in addition. 166 These increase productivity of their farming while improving their potential of participating 167 in mainstream formal agricultural economy in South Africa which was exclusively retained 168 for White commercial farmers. Increased productivity of the farming - especially in the 169 communal subsistence sub-sector of the Agricultural economy would also improve 170 sustainability of livelihood production systems in those areas while commercially improving 171the prospects of the same beneficiary farmers to improve their income generation capacities. 172The CASP therefore becomes a crucial programme for poverty alleviation amongst the 173 resource-poor households who rely on communal subsistence farming – especially those in 174the former apartheid-created homelands meant for Black people in South Africa for instance. 175 This assertion is corroborated by [33] who reasoned that the Agricultural support programmes 176 such as the CASP as initiated by government would continue to play a major role in 177alleviating poverty.

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3.2 Complexities and constraints affecting the implementation of the CASP

181 As observed in the study conducted in Gauteng Province [22] and elsewhere [16] for 182 example, [22] found and reported that the CASP revealed that it had some notable 183 implementation complexities and constraints. Some of the complexities and constraints on 184 the implementation of the CASP include, but not limited to:

- soliciting farmer participation in government-initiated programmes and projects including the CASP has been a nightmare for facilitators and initiators in most communities in South Africa [16]. This factor has often led to government programmes remain initiatives of government without the involvement of the beneficiary communities; this with huge failure consequences, and
- similar programmes such as the CASP would be rendered obsolete and dysfunctional as a result of non-participation and involvement of the targeted farmer households in these projects [16] as a result of poor attitudinal factors of intended farmer beneficiary communities towards government initiated programmes.
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¹⁹⁶ Literature in the study of the successes and complexities and constraints affecting the CASP

in South Africa has in the main discovered and reported on the listed factors above as being
the main, if not the only factors impacting on the CASP. This paper goes further to reveal
other factors involved in the failures of the implementation of the CASP in beneficiary
communities apart from these as has been indicated under the hypotheses of this paper.

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202 As this paper intends to show, it is crucial that these complexities and constraints impacting 203 on the implementation of the CASP and its subsequent projects for instance be investigated, 204 identified and corrected accordingly. There are several ways, means, mechanisms, 205 instruments and tools which could be adopted to redress the complexities and the constraints. 206 More often that not when looking for ways, means, mechanisms, instruments and tools to 207 manage difficult-to-implement government-initiated programmes and projects such as in 208 rural agricultural development scenarios, agriculturalists would look for cost-effective and 209 efficient instrument and tools – with those instruments and tools promoting community 210 initiatives and ownership highly desirable. For the purpose of this paper, adoption of Social 211 Capital factors was considered relevant. Since Social Capital could mean different things for 212 different users of this concept, this paper provides the context and definition of the term as 213 has been adopted for the purpose of this paper. [34] argues that the definition is crucial 214 because the term Social Capital often would be unfamiliar to some stakeholders of Social 215 Capital research – this extending also to policy makers and development practitioners – 216 especially those in charge of community development agricultural projects such as the CASP 217 for instance.

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3.3 Definition of Social Capital, and its definition

Before delving into the definition of what Social Capital is, it is imperative to identify that Social Capital has in fact been adopted by stakeholders in agricultural project development as means to design corrective instruments and tools where such programmes and projects would meet problematic agricultural scenarios before [10, 28, 25]. This section presents the definition for Social capital, its characterisation and finally the reasons for the adoption of Social Capital for the purpose of this paper.

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228 **3.3.1 Social Capital definition**

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230 Amongst a plethora of definitions adopted for Social Capital, there are only two definitions of 231 what Social Capital is which this paper considered. Both of these definitions were adopted 232 from Grootaert and Bastelaer and Coleman for example by [34], [34], basing his definition on 233 Coleman argued that "Social Capital is defined by its function; it is not a single entity, but a 234 variety of different entities having characteristics in common: they all consist of some aspects 235 of a social structure, and they facilitate certain actions of individuals who are within the 236 structure", and furthermore on Grootaert and Bastelaer who defined Social Capital as 237 "institutions, relationships, attitudes, and values that govern interactions among people and 238 contribute to economic and social development."

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240 **3.3.2 Characterisation of Social Capital**

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Evidently, what emerges from the definition of Social Capital as based on [34], Social Capital
could be said to bear the following characterisation:

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- Social Capital appears in structural and cognitive forms. These forms could point to

Social Capital as involving socio-economic institutions and networks, or at least relating to individual states of mind.

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• Social Capital could appear at either macro (national), meso (regional and community), and/or micro (household or individual) levels. These levels depict economic structure which Social Capital could have effect on.

Social Capital could appear as bonding, bridging, linking and bracing as functions Social Capital produces in a particular community or between several organisations and/or individuals in different communities.

3.3.3 Motivation for adoption of Social Capital for the purpose of this paper

257 This paper postulates that Social Capital as adopted by [34] as has been demonstrated in its 258 characterisation above, has been found relevant to this case study because the characterisation 259 would allow the paper to develop a community-based instrument and tool to effectively and 260 sufficiently address issues of its problem. In other words, by adopting the use of Social 261 Capital as a tool and instrument to find solution for the complexities and constraints as and 262 when they manifest in the CASP programme as demonstrated in the infrastructure 263 development project at Dolidoli Village would not only facilitate for community involvement 264 and participation in finding solutions for their developmental challenges, but also strengthen 265 community ownership prospects of the CASP in general – and its subsequent infrastructure 266 development project at Dolidoli Village while collaboratively and collectively seeking for 267 solutions. It is historical that Social Capital had been adopted to find solutions on typical 268 complexities affecting communities in some developing economies regarding amongst others 269 issues of environmental degradation, biodivesity depletion and loss of infrastructure and 270 services which had threatened, marginalised and underdeveloped certain areas of some 271 communities [32]. [32] further revealed that in those circumstances, community members 272 would rely on Social Capital to address such challenges.

273 This paper argues that adoption and involvement of individuals, community structures 274 such as households, traditional leadership, civic structures, farmer organisations, schools and 275government service delivery structures such as agricultural extension and Community 276 Development Worker (CDW) services could be harnessed through lobbying for collective and 277 collaborative actions of these structures and institutions to network and cooperate to develop 278 a tool or instrument adopted to address the identified complexities and constraints affecting 279 the CASP programme as it unfolds in the study area. This paper argues that had Social 280 Capital emanating from these identified stakeholders been harnessed right at the 281 conceptualisation of this programme and its implementation in the study area much earlier, 282 this programme would have dealt with some of the complexities and constraints on its 283 implementation much earlier and easier before such complexities and constraints could even 284 appear.

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4 METHODOLOGY

288 This section presents the methodology adopted and followed for the purpose of this paper. 289 First, the section presents the statement of the problem, describes the objectives which are 290 structured into main and specific objectives, describes the hypotheses and this is followed by 291 presentation of the study design; population, sampling techniques, data collection and 292 analysis instruments and techniques. Furthermore the paper describes the motivation for the 293 adoption of the applied frameworks and theoretical underpinnings while finally presenting 294 the paper's limitations and its subsequent scope which is then followed by the structure of the

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296 **4.1 Statement of the problem**

298 While the CASP has been duped a success in certain areas of the country, there are also areas 299 where this magnanimous post-apartheid government-initiated anti-poverty and poverty 300 alleviation tool and instrument meant to assist resource-poor beneficiaries of South Africa's 301 land redistribution of land programme remains clouded with insurmountable complexities 302 and constraints in the implementation of its many sub-programmes. The emanating 303 complexities and constraints remain mixed and complex to determine outside study of this 304 nature. In addition, existing studies are short of providing any meaningful tool and instrument 305 to identify and remove the complexities and constraints affecting this programme. This paper 306 investigates the complexities and constraints as and when they affect the CASP and its related 307 projects – with particular focus on the CASP in the Musekwa Valley, and the Dolidoli Village 308 CASP-sponsored infrastructure development project in particular. This paper extends its 309 scope by going a mile further into finding the right tool and instrument which turns out to be 310 community-based to address any such identified complexities and constraints there.

- 312 **4.2 Objectives of this paper**
- 313314 The objectives of this paper are structured into two sub-sections:
 - 4.2.1 Main Objectives

The main objective of this paper was to assess and evaluate the performance of the CASP in the Musekwa Valley of Makhado Local Municipality, Vhembe District in Limpopo Province.

4.2.2 Specific Objectives

The specific objective(s) of this paper were:

- to determine the relevance of the CASP and its infrastructure development project at Dolidoli Village,
- to characterise the CASP in the Musekwa Valley in general, and the Dolidoli infrastructure development project in particular,
- to determine the perceptions of the farmers on the CASP in general, and the Dolidoli infrastructure development project in particular,
- to investigate the complexities and constraints encountered in the CASP-sponsored infrastructure development project at Dolidoli Village,
- to propose the ways, instrument and tool to resolve the complexities and constraints as experienced in the CASP and its subsequent project at Dolidoli Village.
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- **4.3 Study design, population, sampling techniques, data collection and analysis** 337

This study is quantitative-qualitative in nature. Of the total households in the Musekwa Valley under which Dolidoli Village is situated, there were 1 375 households. Amongst these households, there were 183 active cattle farming households distributed amongst the eight targeted villages of Afton (13), Dolidoli (33), Khomele (31), Maangani (20), Maranikhwe (18), Musekwa (46), Sane (05) and Strathaird (17). From this distribution, 55 households were randomly selected for primary data collection. Data were collected from heads of 344 household using semi-structured questionnaire instrument. Sixteen community leaders (n=16) 345 - two from each participant village were also selected from a list of community structures 346 provided by local chiefs and confirmed by local agricultural extension officers to participate 347 in the study. Two Focus Group Discussion (FGDs) meetings were held with the community 348 leaders. Two local extension officers (n=2) were also interviewed as Key Informants. 349 Document reviews – especially those of agricultural authorities such as Livestock Population 350 Registers (LPRs) formed part of data collection. Field work was also undertaken in the area 351 to observe the state of the CASP provided infrastructure - in this case at Dolidoli Village. 352 Primary data were coded in Microsoft Excel programme for analyses to obtain frequencies 353 and percentages of selected variables. On the one hand, qualitative data were analysed using 354 thematic sub-headings.

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4.4 Motivation for the frameworks and theoretical underpinning357

358 This paper postulates that the CASP is a crucial instrument in South Africa to support and 359 empower resource-poor communal farmers who were previously excluded from accessing 360 and obtaining institutional assistance by the apartheid regime [31]. Adoption of the CASP 361 would improve farm productivity while removing the bottlenecks impeding Black communal 362 farmers from accessing proper agricultural infrastructure, and any other institutional support. 363 However, in post-apartheid South Africa soliciting farmer participation in government-364 initiated programmes and projects has been a nightmare for facilitators and initiators [16]. 365 [16] went on to demonstrate that some post-land reform and settlement agricultural initiatives 366 were rendered obsolete and dysfunctional as a result of non-participation and involvement of 367 the targeted farmer households in these projects. In other words, before most of these projects 368 could fail from operational deficiencies and complexities, much of the source of the failure 369 could be ascribed to attitudinal factors of farmer communities. This paper demonstrates that 370 the performance of the CASP in South Africa as demonstrated by events of the selected study 371 area could sufficiently be associated with the theoretical postulations as opined by [21]. The 372 final output of most government-initiated programmes such as the CASP, according to [25] is 373 total collapse or struggle to survive. Social networks and social entrepreneurship could be 374 harnessed as corrective measures of the complexities and constraints experienced by 375 communities [10, 28, 25] - on the CASP in particular, just as [29] postulated that "networks 376 can direct strategies to promote participative behaviour and volunteering". Finally, the effect 377 of entrepreneurial education of farmers on improved performance of agricultural projects and 378 programmes used as farmer support tools has been identified as being effective in removing 379 some identified complexities and constraints amongst smallholder farmers in some selected 380 villages of the Lango Sub-region of Northern Uganda [28]. [28] further revealed that 381 vigorous educational programmes on integrated entrepreneurship training amongst such 382 farmers immensely transformed the dynamics for the better. Farmer entrepreneur training's 383 curriculum could be guided by the "knowledge-flow mechanism" and the typological 384 framework designed by [27] – however adapted to suit the dynamics of the local programme.

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386 **4.5 Limitations and scope of this paper**

The logistical complexities and constraints of this paper makes it difficult however to investigate both issues of successes and failures in the same paper. This paper therefore particularly interests itself with the failures of the CASP. In doing so, two critical questions arise on the issues of the CASP; "what led to the failure of the CASP?" Secondly, what was done; at both policy level and programme implementation level amongst the beneficiary 393 communities to mitigate against the failures of the CASP? Thirdly, what has to be done to 394 redress the complexities and constraints affecting the CASP? These imperative questions 395 arise out of the surveyed literature which hypothesises that various strategies employed and 396 adopted to mitigate against the failures and complexities experienced by the CASP seem to 397 have stalled to sufficiently address the complexities. While different categories of the 398 beneficiaries of the CASP would experience different complexities and constraints at 399 different levels of intensity, such complexities and constraints are yet to be conclusively 400 explored and determined. The chief purpose of this paper is therefore to explore constructing 401 a mitigating framework, tool or instrument to address the complexities and constraints. So 402 far, existing literature had failed provide this expertise. Based on this, this paper argues that 403 the mitigating framework should emanate from employing and adopting the properties of 404 social capital and social entrepreneurship theories as espoused and advocated for by a 405 plethora of empirical theorists [10, 25; 29]. In other words, the affected communities should 406 be provided with that opportunity to provide solution for their challenge. Solution should not 407 be exported to the affected communities as it had been the case with the programme. 408 Secondly, the framework should explore development of entrepreneur farmer base through 409 increased public education on agriculture as argued by [8] and [49]. This could produce 410 entrepreneurial farmers motivated by increased desire for personal achievement, who, on the 411 other hand combined increased passion, self confidence and innovation amongst others with 412 the acquired skills. In other words, this paper advocates for the notion expressed by [6] who 413 argued that farmers needed to be developed into "farmers as entrepreneurs" practising "agri-414 business entrepreneurial activities" to alleviate themselves against rampaging poverty. This 415 assertion is corroborated by [17] who postulated that Entrepreneurship development could be 416 an effective strategy amongst resource-poor farmer households with regard poverty 417 alleviation. To substantiate this assertion, [17] conducted a study on the same amongst 418 communal farmer households in Igbo-Eze of North Local Government Area of Enugu State, 419 Nigeria, and the emanating results affirmed this assertion. From the resultant findings of this 420 study, it is evident that at this study site, these approaches were not adopted.

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422 **4.6 Structure of this paper**

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424 This paper is presented in categorically demarcated themes and sub-themes. First, the paper 425 presents the background to the study with some literature reviewed for the purpose of this 426 paper, introduces the research methodology by describing the study area; the study design; 427 population and sampling techniques; data collection methods and instruments. Secondly, the 428 study describes the instruments employed to analyse the data before finally presenting the 429 findings, policy/areas of further studies and recommendations thereof. Reviewed literature 430 mainly focuses on the efforts of the post-apartheid government efforts to improve subsistence 431 Black farmers in communal South Africa in particular. The literature furthermore revisits the 432 processes of the CASP looking at the objectives of the programme and finally the response of 433 communal farmers to the effectiveness; usefulness and other benefits brought about by the 434 CASP in their respective region.

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436 **5. RESULTS AND DISCUSSION**

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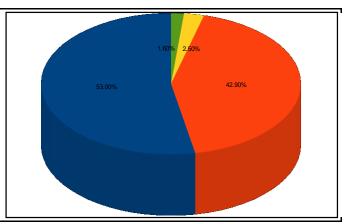
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438 **5.1 Relevance of the CASP and its infrastructure development project at Dolidoli Village**

440 Since the bigger part of the CASP-sponsored infrastructure development project at Dolidoli
 441 Village for instance concerns livestock infrastructure, this paper's departure was to present the

442 profile of the livestock sector. Therefore, this paper began by determining the livestock audit 443 to assess and evaluate if at all the CASP-sponsored infrastructure development project 444 initiative was relevant in this community. Evidence suggests that there were incidences where 445 irrelevant projects were initiated for communities resulting in several other complexities 446 thereafter. For instance, there are incidences were irrelevant infrastructure would be supplied 447 to communities, and this ended in a waste of resources as such infrastructure would become 448 obsolete and dysfunctional without those communities using them [16] to total collapse and 449 struggle [25] in addition. However, in this case, it was determined that livestock farming was 450 the backbone of the local economy. Although farming practices in this study area were largely 451 mixed-farming, the majority of households however practised and in the main also depended 452 on livestock farming. The results of this paper (figure 1) confirmed that the majority of 453 households had kept goats (53.0%), cattle (42.9%), donkeys (2.5%) and sheep (1.6%) as 454 livelihood strategy.

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458 **Fig. 1: Livestock population at the study area**

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460 Donkeys are prominent in the study area because they are mostly used for traction purposes. 461 The study area is remote with poor off farm infrastructure development such as roads. The 462 road system is mainly hard gravel which makes transportation in the area slow and unreliable. 463 Donkeys and donkey carts provide transportation alternative. They are also substitutes for 464 tractors – especially during summer when cultivations begin. However, unlike in some other 465 parts of SSA, donkeys at this study area do not produce any human consumables such as 466 milk and meat. Goats and sheep are cheaper to acquire, and therefore very common amongst 467 women-headed households [24]. Goats are however mostly vulnerable to predators such as 468 leopards (panthera pardus) and baboons (papilo hydrus) which are common in this study 469 area. Most farmers have livestock enclosures to protect the animals from these predators. 470 Based on the high volumes of livestock herds kept by majority households in the this study 471 area, it is imperative therefore that relevant infrastructure be available to make the franchise 472 profitable and sustainable. Supposedly, the dereliction status of the infrastructure prior to 473 CASP-sponsored infrastructure development project being introduced in the area – 474 specifically at Dolidoli Village, farmers were faced with a serious problem which needed to 475 be addressed as a matter of urgency. It is on this account that the infrastructure development 476 project at Dolidoli Village was conceptualised and brought to the area. In the context of the 477 submission made by [22,33] with regard the overall target of the CASP, which they indicate 478 as prioritisation of the programmes' intervention in the development and empowerment of 479 farmers in areas concerning information and technology management, technical and advisory 480 assistance, and regulatory services, marketing and business development, training and 481 capacity building, on/off farm infrastructure and product inputs development, and provision 482 of financial support for instance for instance, it could be reasonably concluded therefore that 483 the CASP-sponsored infrastructure development project at Dolidoli Village was fair and 484 relevant.

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486 5.2 Characterisation of the CASP in Musekwa Valley in general, and the sponsored 487 infrastructure development project at Dolidoli Village in particular

489 Key informant Interviews (KIIs) and Focus Group Discussions (FGDs) revealed that the 490 farmers at Dolidoli Village were the only group in the entire Musekwa Valley study area who 491 had made request with the Limpopo Department of Agriculture for the CASP assistance. 492 Although it emerged later in the study that the farmers at Dolidoli Village might not have 493 lodged that request but what is critical is that somebody had done so on their behalf. As 494 standard practice for obtaining assistance with the CASP, [13] submitted that the respective 495 community must have submitted a formal request for assistance to the agricultural authorities 496 of their respective province – the request of which should also meet the criteria as set out for 497 the programme.

498 The results of this paper revealed that the CASP programme was only active at, and 499 assisted farmers in only one (Dolidoli Village) village in the entire Musekwa Valley area. 500 This suggests that only a few cattle farming households (18.2%) were able to benefit from the 501 CASP while the rest of the farming households in the valley (71.8%) were excluded. Key 502 Informant Interviews (KIIs) and Focus Group Discussion (FGDs) revealed that other 503 excluded villages from the activities of the CASP had actually never requested for the 504 assistance as provided for by the CASP policy frameworks. Even though the CASP was 505 visible at Dolidoli Village, the results of this paper revealed that, still the majority of farmers 506 in the bigger portion of the entire Musekwa Valley study area (76.4%) were not yet familiar 507 with the CASP. A mere 24.6% of the respondents were familiar with the programme. On 508 further probing, this paper established that a large number of farmers (76.4%) in the area 509 were, as early as in the initial stages of the CASP been suspicious of the CASP and 510 government intentions of the programme. The suspicions would later reveal major impact on 511 how they finally responded to the campaign for the programme. This result is corroborated by 512 [16,25] who found that attitudinal factors of farmers had rendered most government-initiated 513 community assistance such as the CASP obsolete and dysfunctional with some in fact 514 reaching total collapse or struggle. To corroborate the suspicions of some farmer community 515 members, one community leader remarked

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517 "the CASP? Our people could not trust the facilitators because many years ago during the 518 Bantustan government of Venda, people lost their cattle to a dubious scheme orchestrated by 519 some extension officers and some big people in government which ended up being bogus with 520 a lot of people losing their cattle to the syndicate"

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522 Confirming the suspicions during data collection, Focus Group Discussions (FGDs) and Key 523 Informant Interviews (KIIs) established in fact that prior to Dolidoli Village farmers having 524 been assisted by the CASP, there had been an unfounded rumour spread and circulating 525 amongst villagers in the study area. The rumour was that the CASP was instead not a farmer 526 assistance program since the farmers would at some stage be required to pay for whatever 527 service they would have benefited from the programme. Some key informants even suggested 528 that the rumour and the peddled lies also affected other government programmes such as the 529 Reconstruction Development Programme (RDP) housing supply initiative in the area. The 530 rumour on the CASP actually had split the farmers into two groups; those farmers who 531 thought that the CASP was the same scheme which had resulted in some of them losing cattle 532 to some government officials and politicians of the old Venda government many years ago 533 while the second group involved those farmers who merely lacked access to correct 534 information on the CASP, and therefore resorted to the false rumour and peddled lies. [7] 535 reported similar conduct elsewhere. In fact [7] found and reported that the majority of 536 farmers in the Bojanala District of the North West Province lacked access to proper 537 information of the CASP despite the fact that the national campaigns on the popularisation of 538 the CASP have been public issues as early as 2003. The ignorance displayed by the majority 539 of the farmers in this study area might suggest that campaigns and the marketing strategies of 540 the CASP by the agricultural national and provincial agricultural authorities might have 541 lacked effectiveness to effectively inform beneficiary farmers on the objectives of the CASP. 542 The implication of the inability of the agricultural authorities to effectively popularise the 543 CASP, and the farmers' lack of access to this crucial information might result in huge 544 numbers of targeted beneficiary farmers missing out on crucial farmer support initiative — 545 especially with regard to services the CASP is meant to provide [33, 5, 13]. Government 546 authorities should have projected that any failure of the CASP to achieve its intended 547 objectives would have implacable repercussions on the economic welfare of the targeted 548 farmer households - significantly impacting on the ability of these farmers to integrate with 549 the commercial agricultural wing, and in addition to improve on their lower productivity rates 550 as compared to their commercial counterparts. However, it is mostly common for communal 551 farmers to lack proper awareness, knowledge and understanding of farmer assistance 552 organisations and government programmes operating in their areas in South Africa -553 especially where the mechanisms to popularize such programmes amongst such farmers 554 remain largely limited and inaccessible. For example, [1] found that approximately 52.0% of 555 the farmers in the tomato production sub-sector in the Limpopo Province never knew nor 556 understood how the Limpopo Tomato Growers Association operated. The implication of this 557 unawareness of farmer support programmes amongst some of these farmers is that crucial 558 agricultural support initiative which might have been very crucial in assisting the farmers to 559 access valuable agricultural service is seriously compromised. Evidently, the majority of the 560 farmers are left out of the programme although indications from the study were that the 561 majority of the respondents outside Dolidoli Village for example had expressed desire to 562 receive assistance from the CASP. One farmer respondent even remarked

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564 "people at Dolidoli have improved their infrastructure through CASP. Us here we do not have 565 nothing because we feared that we will be robbed our cattle the same way as it happened 566 some years ago here. But now, all of us we regret we did not take the extension officers 567 seriously when making suggestions that we apply for the CASP assistance"

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569 Evidently, poor communication and publicity strategies of the CASP by the agricultural 570 authorities in the province might have had some drastic contribution to the low interest and 571 participation rates in the CASP by farmers in the other villages of the area. It is evident that 572 there were perceptions that had developed amongst the stakeholders of the CASP in the 573 valley. Resultantly, this paper measured the perception of the farmers in this regard.

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575 5.3 Perceptions of the farmers on the CASP in general and the infrastructure
 576 development project at Dolidoli Village

This paper solicited for the views and perceptions of the farmers at Dolidoli Village on the benefits of the CASP in general and the infrastructure development project at Dolidoli Village in particular. On this, the results of this paper (table 1) revealed some mixed feelings. The majority of farmers (45.5%) expressed moderate satisfaction while 34.5% thought the CASP was bad with the remainder 7.5% expressing positive comments declaring that the CASP was actually a good program for them.

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Rating of the CASP	Frequency	Percentage	
Moderate satisfaction	25	45.5	
Bad	19	34.5	
Good	11	7.5	
Total	N= 55	100	

Table 1: Perceptions of the farmers on the CASP

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587 The greater part of the results (table 1) suggests that the confidence of the farmers in the 588 CASP in general was generally low. Key Informant Interviews (KIIs) and Focus Group 589 Discussions (FGDs) were able to establish the reasons behind increased apathy and 590 disillusionment of the farmers on the CASP. Some farmers revealed that the CASP had 591 achieved very little since the programme had actually collapsed right from its inception. 592 Those farmer respondents critical of the CASP also revealed that the program was poorly 593 conceptualised, implemented and managed from its beginning to end. First, there were no 594 buy-ins of the programme by the local farmer community because contrary to some beliefs, 595 the programme had actually never been an initiative of the farmers but of some certain 596 "ghost" role players who might have been only interested in acquiring tender contracts from 597 government to build the supplied infrastructure at the Dolidoli Village for example. One 598 farmer instead remarked

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"we do not know how they ended up with this experiment. We do not know who advised them
to build the livestock grazing camps first because in my opinion, the old camps were still fine
but there where other things we needed as cattle farmers to improve our farming...not camps.
Maybe somebody colluded with other local people to bring this project here. People feel
cheated and used by unknown and invisible people. But look at this..."

606 One more farmer added

608 "People they do not understand the whole thing..., I mean the whole CASP thing. The whole 609 project. No wonder they destroy the camps, boreholes, everything – you can go and see there 610 there is nothing left in those camps because people they do not put any value to that"

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5.4 Complexities and constraints affecting the implementation of the CASP-sponsored
 infrastructure development project at Dolidoli Village

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This section of the paper reports on the identified complexities and constraints as they affect the implementation of the CASP-sponsored infrastructure development project at Dolidoli Village.

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- 619 **5.4.1 Lack of community buy-in, involvement and participation in the CASP-sponsored**
- 620 infrastructure development project at Dolidoli Village

622 The farmers and some members of the community were asked during farmer interviews, 623 FGDs and KIIs to identify their interests in the CASP – especially the infrastructure 624 development project at Dolidoli Village. First, it was difficult to deduce who, amongst the 625 community structures might have initiated the infrastructure development project at Dolidoli 626 Village for instance. Secondly, it was not convincing either whether the extension officers 627 were the initiators of this project, or the farming community as some had been supposing 628 over the years. As [19] argued, it is imperative of government to seek for total involvement 629 and participation of the communities before any government service could be dispensed, in 630 this case the same could not be conclusively acknowledged. Furthermore, [19] argued that 631 such involvement and active participation of the citizenry should begin right at the onset of 632 the targeted programme or project; initiation and formulation of the product, not only at the 633 implementation stage as it seems to have been the case with regard the CASP in this study 634 area. As one respondent opined that the farmers were unaware of what, and who really 635 informed the building of the livestock grazing camps ahead of other services the majority of 636 farmers considered most crucial in the area, it is worthwhile to consider the assertions 637 postulated by [19] that government service be initiated from sufficient consultation in order 638 to promote future collaborations. Apart from this, [19] argued that proper consultation on 639 government service to people would promote the spirit of good governance while promoting 640 accountability on the other hand. It is evident that the conceptualisation of the project for the 641 study area without the initial buy-in, participation and involvement of the farming 642 communities and the rest of society was an omission later to be regretted in the CASP in 643 general and the project in particular. This was to provide a serious complexity and constrain 644 to the success of this project in particular.

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5.4.2 Other identified complexities and constraints which had impacted on the CASP in general and the infrastructure development project at Dolidoli Village in particular

649 There were several other complexities and constraints which had impacted on the CASP in 650 general and the infrastructure development project at Dolidoli Village in particular.

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652 5.4.2.1 Misplaced assumptions on the CASP-sponsored infrastructure development 653 project at Dolidoli Village

655 It was made evident during the process of the study that as matters currently are, the local 656 CASP as adopted at the study area had based its precepts out of misplaced assumptions: (1) 657 that everyone practising cattle farming in the study area was a (potential) entrepreneur (2) 658 that the farmers the programme meant to assist were natural entrepreneurs who only lacked 659 access to productive resources as a result of the apartheid-era policy position of the National 660 Party (NP) government on Black farmers and communities in general (3) that making state 661 assistance equitable and accessible by the local farmers would result in these farmers 662 "pooling themselves" out of their prevailing socio-economic circumstances (4) that 663 "dumping" the productive resources such as infrastructure and land for example with the 664 farmers would assist these farmers to be pro-active, develop desire and gain self-motivation 665 to become resourceful, productive and competent (5) that access to resources would facilitate 666 creation of entrepreneur farmers, and lastly, (6) that what the farmers would produce already 667 had an established market – where these farmers have been selling their produce all along.

In the process, other flawed technical assumptions of the CASP were also laid bare (1) failure of the CASP to have a programme of action to develop its own "cadre" farmer

670 entrepreneurs through a vigorous "agri-entrepreneurship program" aiming at developing 671 "farmers with quality of entrepreneurship" which has become immensely popular in 672 transitional economies such as Malaysia for example [18, 27]. This factor could be read 673 together with the assertion postulated by [3] who argued that "...some individuals are pulled 674 into entrepreneurship by opportunity recognition while others are pushed into 675 entrepreneurship because they have no other choice to earn a living..." In other words, the 676 CASP should have been viewed as an opportunity the farmers might recognise to develop 677 into agricultural entrepreneurs while others might be persuaded in addition by that desire to 678 want to transform their social status of poverty through increasing food security opportunities 679 and improving household income means by eloping into the CASP – making the CASP an 680 instrument or tool for "human capital empowerment" [27], (2), the CASP should have been 681 viewed as a country-level innovation aiming at providing solutions to the socio-economic 682 circumstances experienced there just the same way as other non-farm entrepreneurial 683 innovations had played elsewhere [21], and (3) there was no provision of continuity of 684 assistance of the farmers as the model only provisioned for the short term – in this case, 685 infrastructure supply (3) the CASP failed to view the assistance programme holistically but 686 spontaneously as the challenge had been identified (4) sustainability of the programme was 687 not projected, and (5) no market was created or developed to make the farmers commercially 688 viable and competent. Lack of creation of relevant market for the farmers suggested that 689 farmers would now have to produce more for household consumption instead with increased 690 surplus for the market. The implication in this regard is that farmers would instead be left 691 stuck with increased productivity without a market. However, amidst the shortcomings, this 692 paper still argues that: (1) the CASP was a good intention with bad implementation strategy 693 (2) the CASP should have sought to identify and develop agricultural entrepreneurs before it 694 could seek to "dump" productive resources with the clueless communities and farmers on 695 "modern" livestock farming (3) a solid entrepreneur curriculum should have been developed 696 and implemented within all facets of society as opined by [4].

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698 <mark>5.4</mark>

5.4.2.2 Lack of proper post-project management systems

700 The results of this paper revealed that post-project at Dolidoli Village for instance, there were 701 no management responsibilities allocated to resident farmers to take care of the supplied 702 infrastructure, and infrastructure needing maintenance service and rehabilitation could 703 therefore not be sufficiently serviced. The Limpopo Department of Agriculture could not 704 cope with maintenance of the post-project infrastructure at Dolidoli Village because of lack of 705 resources and expertise to fix broken and mechanically dysfunctional machinery such as 706 boreholes and windmills while they could also not cope with vandalised and dilapidating 707 infrastructure for example. However, it confirms that the local farmers did not feel indebted 708 to making the project functional because they seem discouraged and intimidated to get 709 involved at this stage.

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5.4.2.3 High incidences of vandalism on the developed infrastructure

There was excessive incidences of vandalism on the developed infrastructure at Dolidoli Village post-project. This paper established that exacerbating the situation of vandalism on the infrastructure is the fact that the supplied infrastructure was, in addition, of poor quality. Poor quality of the infrastructure made it prone to sudden dilapidation within a short period of time immediately after being handed over to the resident farmers. Furthermore, there were virtually no management systems set to take care of the infrastructure post-supply, and hence 719 the plethora of challenges experienced thereafter. Lack of management structures to take care 720 of the infrastructure, if not the entire CASP project in the village had in fact resulted in 721 spiralling and uncontrolled vandalism and abuse of the infrastructure for instance. Locals 722 forget that rural development and betterment of the lives of the poor in the rural areas of 723 transitional economies such as South Africa and Nigeria for instance would hinge in 724 particular on supply of proper (agricultural) infrastructure [26] – and this happens at huge 725 cost. The cost of vandalism of infrastructure is extensive, amongst others, also reverses the 726 gains made in community development and betterment of the lives of the ordinary poor. 727 Vandalism also threatens livelihood generating resources in communities, and furthermore 728 wastes hard-earned public resources. In other words, vandalism is anti-development, and 729 therefore needed to be properly managed, controlled and finally eradicated. Vandalisers of 730 infrastructure should be identified and punished because vandalism is criminal.

731 However, probing the respondents further to identify possible vandalisers of the 732 infrastructure in the study area, yielded mixed responses. Some respondents revealed that 733 people from neighbouring villages would cut the fences off and destroy the livestock grazing 734 camps at certain strategic points to let their livestock in for grazing - especially when such 735 people were facing feed challenges for their livestock in their respective villages. Some 736 coming from distant areas such as Nzhelele to steal firewood from the area would also cut the 737 fences off to gain entrance into the camps. Locals also vandalised the infrastructure through 738 theft of materials such as fencing poles and wire for their own domestic use. A new trend was 739 also discovered where infrastructure made of metal was vandalised to be sold to scrap metal 740 dealers elsewhere - especially to those scrap metal dealers who frequent the areas collecting 741 scrap metals for cash. Boreholed windmills (phaphapha) and handpums (magwedzho) were 742 in the main targets.

743 Field work undertaken in the study area revealed that most of the vandalised 744 infrastructure had almost become irreparable or that state of dereliction and extinction. In 745 fact, some participants felt strongly that valuable state resources were unnecessarily spent on 746 unproductive suppliers of the over-priced infrastructure who supplied poor service on the 747 project, to start with. It could not be completely ruled out that the CASP programme in 748 general, and the project at Dolidoli Village in particular were also from the onset never 749 without the common unwarranted unethical conduct bedevilling some government projects in 750 general considering that no officials seem interested in the project in the area further than its 751 current stage. This paper discovered that there have been mudslinging amongst the 752 government officials and the locals characterised by a growing blame game between the 753 communities and the local agricultural extension officers in particular with regard issues 754 around CASP. Local farmers blame the department for negligence while the department on 755 the other hand blames the local communities for anti-progress behaviour; citing vandalising 756 of the expensively built infrastructure which other communities around the area desperately 757 needed. Farmers also expressed disappointment on the Department that they received no 758 further engagement on the program. However, blame games where there are frustrations in 759 projects are actually common – and they have been reported elsewhere [31]. It is needed that 760 both the department and the local beneficiary community cooperate and work together to 761 eradicate vandalism instead of playing unproductive blame game.

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6. ADDRESSING THE COMPLEXITIES AND CONSTRAINTS THROUGH SOCIAL CAPITAL AND SOCIAL ENTREPRENEURSHIP

The Under normal circumstances the farmers could volunteer service such as maintenance and guarding the infrastructure as, and when it is needed; either as individuals, networks,

organisations or groups [14]. This approach could be immense innovation and creativity which could have brought stability in, and success of the CASP – especially the Dolidoli Village infrastructure development project while increasing the socio-economic benefits and value of the initiative to the local community at large [14]. Participant farmers were asked during discussions for data collection if they were willing to volunteer service for the success of the programme. One farmer respondent put it this way

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"We are able to deal with stock theft through organised community networks involving the youths and the rest of the community, why could we not able to deal with vandalism of the infrastructure assisting our farming? It is because nobody above there in government does not care. In fact, as far as I know, the CASP here is a closed matter. Somebody made quick money, and left us suffering"

780

781 Looking at these responses, one can therefore reasonably argue in the context of [8] in a study 782 on the role of social entrepreneurship in community development in Kathmandu, Nepal that 783 "...community development through social entrepreneurship is a doable mechanism" -784 especially where there is willingness amongst the stakeholders to find solution to the existing 785 problem just as the results of this study demonstrate in this study area. Evidently, people are 786 motivated not by material gains but by that pride of being part of the success of their 787 communities. That human pride of achieving success through voluntary participation drives 788 the emotional desire that goes beyond personal material gains - for recognition. This must be 789 exploited for community development – especially in arresting the observed complexity and 790 constrain factors as have been identified for the purpose of this paper.

791 In other words, the farming community in this study area could simply harness and 792 mobilise human capital from its vast Social Capital sources – other farmers and community 793 at large to address the complexities and constraints as experienced in the CASP in general 794 and the project in particular. In other words, there needs to be collectivity and common 795 approach by the resident community to addressing the challenge they are facing. The farming 796 community could maximise what [9] refer to as "the basic elements of social capital", which 797 are; trust, reciprocity and mutuality, formal and informal social networks, shared norms of 798 behaviour, shared commitment and belonging. This approach had been successfully adopted 799 in various resource-poor communities to address socio-economic complexities with great 800 success. For example, [10] report that resource-poor communities harnessed Social Capital to 801 address community challenges. Resource-poor communities such as in Nyanga, Zimbabwe 802 transcended their socio-demographic factors to successfully use their trust amongst each 803 other, social networks, shared norms and behaviour amongst others to address socio-804 economic challenges such as poverty. Farmers at this study area could borrow the assertions 805 postulated by [10] who argued that "networks, collectivity and communalism emanating from 806 social capital had been fundamental tools employed by communities to overcome obstacles of 807 community development in various socio-economic aspects of the communities through a 808 'people centred development' approach" In this argument, it is evident that [10] is 809 advocating for what [14] termed "social entrepreneurship" which operates within the community, being concerned of resolving problematic social issues affecting the particular 810 811 community; however without any compensatory motivation for "profit making" as is 812 common in many other types of business entrepreneurship. In other words, from their 813 passion, volunteer members of the farming community, and the community at large could "pool" their resources together – by mobilising ideas, capacities and social arrangements to 814 815 voluntarily find an immediate long lasting solution to the problem of infrastructure vandalism 816 in the area for instance. [9] corroborate this assertion. It is evident that this assertion revisits

the postulation submitted by [29] who opined thus "...politicians and people in every walk of 817 818 life seem convinced that communities can solve social ills and build a happier, more fulfilled 819 society..." This is corroborated by [23] who argued for the adoption of social 820 entrepreneurship in societal development or problem solving. [23] argued that adoption of 821 social entrepreneurship would provide society with that opportunity to pursue innovative 822 solutions to social problems affecting them. In the farming community at Dolidoli Village 823 though, social entrepreneurship already could prove adoptable considering the willingness of 824 some respondents in doing so. A revisit to the interviews held with some respondent farmers 825 is evidence of this assertion. During data gathering, participant farmers were asked if they 826 would be willing to volunteer service for the success of the CASP – especially on dealing 827 with vandalism and provision of maintenance service to infrastructure, and one farmer 828 respondent responded thus:

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We are able to deal with stock theft through organised community networks involving the youths and the rest of the community, why could we not able to deal with vandalism of the infrastructure assisting our farming? It is because nobody above there in government does not care. In fact, as far as I know, the CASP here is a closed matter. Somebody made quick money, and left us suffering"

836 From the willingness of the locals to offer volunteer service, it could be postulated that if 837 authorities could facilitate for such action to commence, then the solution to the challenges 838 could be at hand. What then arises from this assertion is the need to pose a further question, 839 again sourced from [29] who, when making follow-up on the previous assertion had this to 840 ask "But if communities are the answer, what exactly is the question?" How do we get people 841 to cooperate?" Having considered that the current paper has its own limitations, and would 842 therefore not attempt to answer these rhetoric, it is recommended that another study be 843 commissioned to investigate matters raised by [29].

844 Evidently, during the commencement of the CASP in this study area, sufficient audit – 845 in the form of a study for example of what needed to be done seems not to have ever been 846 undertaken. Such a survey could be in line with the suggested guidelines postulated by [31] 847 when opining that prior to the commencement of a farmer support programme of the nature 848 of the CASP in this case, there should have been an execution of baseline survey in order to 849 determine the socio-economic situation of the particular beneficiary community. To 850 substantiate the view that such a survey might never have taken place in this study area, 851 respondent farmers and Key Informant Interviewees were asked if any such survey had taken 852 place. This question was necessitated by the discovery that in actual fact, farmer community 853 in the area had expressed different expectations on the CASP than the programme finally 854 supplied them with. For example, The results of this paper (table 2) revealed that the majority 855 of farmers would have preferred the CASP to have supplied them with on-farm infrastructure 856 such as dipping tanks (23.6%), farmer training on agricultural commercialisation just as the 857 White commercial farmers were (18.2%), acquisition of breeding bulls (25.5%), financial 858 support and access to operate the enterprise (9.1%), assistance to access marketing and 859 production information (7.3%) and other unspecified assistance expected (16.4%).

Table 2: Priorities of the farmers on the CASP

Farmer assistance expected	Frequency	Percentage
Breeding bulls	14	25.5
Farmer training	10	18.2
Infrastructure	13	23.6

Financial assistance	5	9.1
Marketing	4	7.3
Unspecified assistance expected	9	16.4
Total	N= 55	100

863 Based on the failure of the CASP to meet these expectations drew mixed reactions over the 864 appropriateness of the CASP in the area. This was demonstrated by the farmers' perceptions 865 on the CASP as has been expressed earlier in the paper (table 1). This paper postulates 866 therefore that had a proper survey been undertaken prior to the commencement of the CASP 867 in study area, a different scenario might have been resulting – with regard farmer perceptions 868 on the CASP. This paper is, in addition, of the view therefore that such a survey might have 869 emanated with possible tools and approaches to deal with social ills prevalent in the area; for 870 instance vandalism, and also the Limpopo Department of Agriculture's inability to provide 871 any further assistance to the farmers on the programme beyond infrastructure supply.

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7 CONCLUSION AND RECOMMENDATIONS

875 The main objective of this paper was to assess and evaluate the performance of the CASP in 876 addressing farmer needs in the Musekwa Valley. In the Musekwa Valley, the CASP as 877 implemented at Dolidoli Village sought to provide farmer support by building infrastructure 878 such as grazing camps and water supply. Fifty five (n=55) cattle farmer households were 879 selected for primary data collection through the heads of household. A questionnaire-based 880 survey was run on the cattle farmers with Focus Group Discussion (FGDs) and Key 881 Informant Interviews (KIIs) providing means to collect secondary data from a range of key 882 stakeholders. In addition, field work was conducted to observe the state of the CASP supplied 883 infrastructure in the area. The findings of this paper revealed that the CASP, as intended, was 884 necessary an instrument to address a number of constraints and complexities affecting 885 communal cattle farming in the study area. This paper concludes that the CASP infrastructure 886 development project at Dolidoli Village in particular was a good innovation implemented in a 887 rush. Some key infrastructure was improved or developed from scratch while a few was also 888 rehabilitated. The final output of the programme as intended remain mixed. Developed 889 infrastructure was poor. Most supplied infrastructure was totally vandalised to a state of 890 disrepair and extinction. Supplied infrastructure such as boreholes and windmills for example 891 was not serviced for various reasons. The programme proved wasteful. Knowledge and 892 understanding of the CASP amongst the farmers was low. Farmers lacked information on the 893 CASP. Farmers demonstrated negative attitude and perceptions towards the CASP. The CASP 894 only assisted farmers at one village (Dolidoli) with the rest of the villages in the Musekwa 895 Valley left out. It is recommended that government has to do more in terms of the 896 popularization and information dissemination of the CASP to improve chances of increasing 897 participation and involvement of the beneficiary farmers in the programme. The multi-898 dimensional model/platform proposed by [19] in his argumentation on sourcing for, and 899 strengthening participation of the citizenry in government service delivery programmes and 900 projects is highly recommended. This "platform" as [19] calls it would broaden the scope for 901 information access by the citizenry. Government should use CASP to develop farmers in the 902 rest of the study area, not just one village. Government should also widen the scope of the 903 CASP to include services such as training, development of entrepreneurial skills amongst 904 farmers in accordance with the objectives of the programme, not only to supply 905 infrastructure. Extension officers should educate communities with regard farmer support 906 programmes and subsequent active participation of the farmers in such initiatives. In addition,

907 government structures such as Community Development Workers (CDWs) could also be 908 enlisted to assist with such education of the farmers. Community structures should be formed 909 to monitor vandalism of infrastructure with Law-enforcement agencies dealing with 910 perpetrators punitively. In other words, communities could exploit the power of social capital 911 networks [11, 25] to build monitoring manpower on vandalism. Dilapidated infrastructure 912 should be repaired, and also maintained from time to time. As a result of the limitations of 913 this case study, it is recommended that a similar study be conducted to cover a larger area as 914 the CASP is a national programme. However, the Dolidoli Village scenario provides a good 915 platform when dealing with the CASP issues elsewhere in the country. Vandalism emerged in 916 this paper as a strong factor of retrogression in community advancement and development – 917 especially in agriculture. Its extent was not sufficiently determined in this paper. It is 918 imperative that a follow-up study be conducted on the extent of vandalism in the area.

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